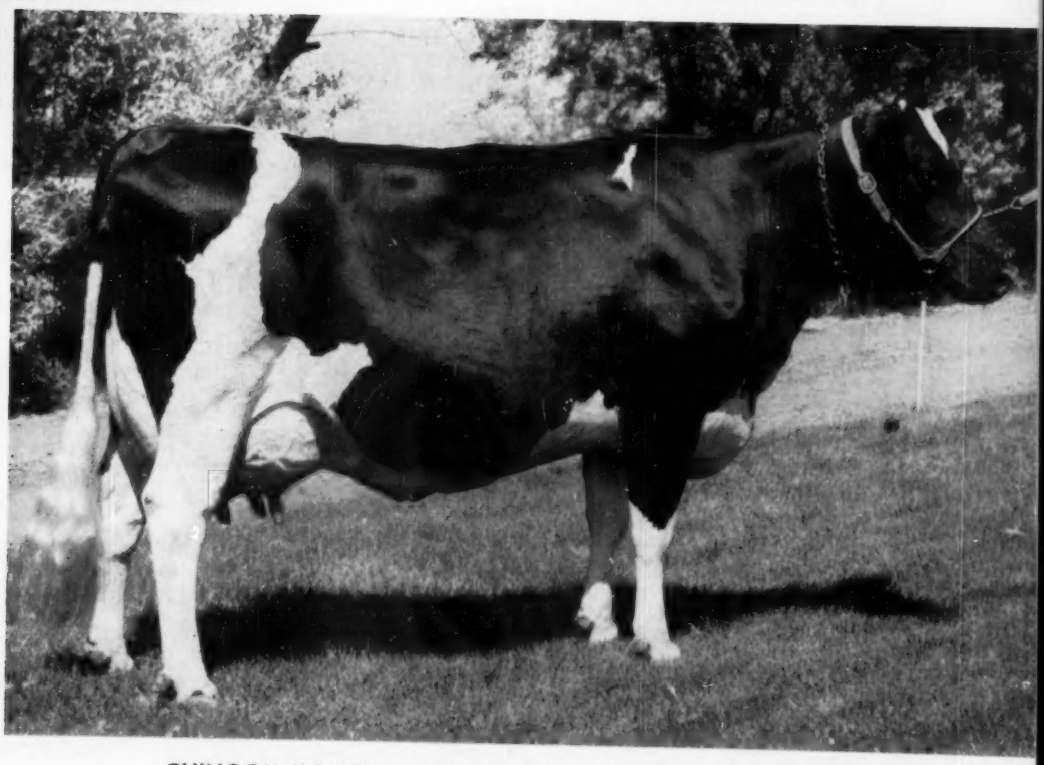
UNIVERSITY MICROFILMS 1-51C
313 N. FIRST ST.
ANN ARBOR, MICH.

Friesian World

THE NEWSPAPER OF THE BREED

December 1, 1956

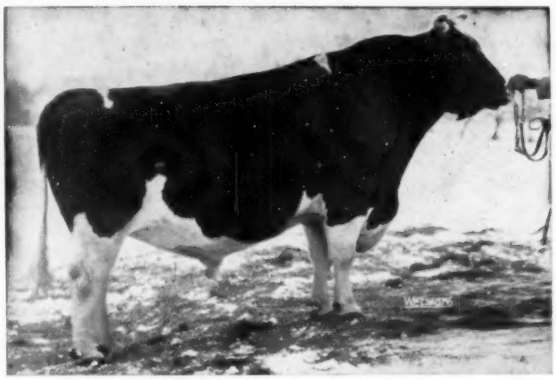


CHINOOK MONITOR BARBEE 3194992 (EX) - New National Champion

IN THIS ISSUE....

The Royal Winter Fair and Sale of Stars
The Grand National Show and Sale
Hereditary Lethal Characters in Dairy Cattle

KYLAND PREMIER



Silver Medal Type Sire

KYLAND PREMIER has 11 classified daughters. They average 83.4 points, all with first calf, with no culling. They were bred in three herds and owned in five herds when classified.

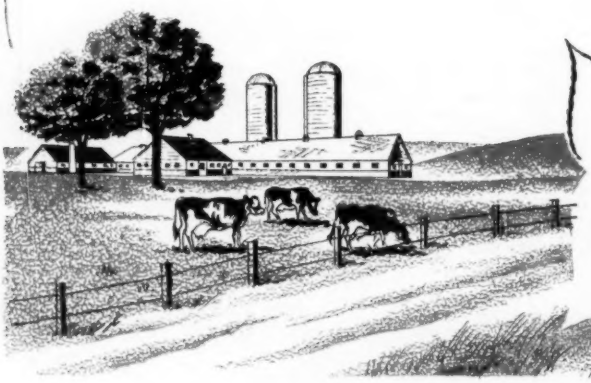
Six daughters of PREMIER have completed eight records that average 15,702 lbs. milk, 3.66%, 576 fat, 2X-305d-ME.

Sons of PREMIER are available. One of them now ready for service is a very nice type young bull from a "Cascade" daughter with an exceptionally good udder. The second dam is one of our "VG" Alverno cows with 850 lbs. fat. This Preferred Pedigree bull combines cow families strong in good type, high production and longevity.

Some younger sons of PREMIER are also available. Write for details.

VISITORS ALWAYS WELCOME

HIR Testing - Classified - T. B. Accredited - Bang's Certified - Calfhood Vaccinated



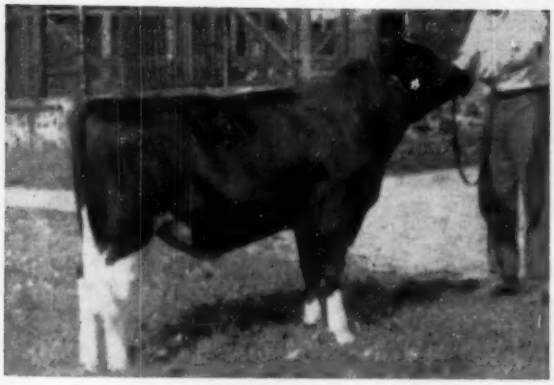
PURE BRED HOLSTEINS

Kyland

W. D. KYLE, JR. Owner

FRANK CASE, *Manager*
Route 1, Oconomowoc, Wis.

Who Could Ask for Anything More?



WIS MAESTRO, born Sept. 28, 1955
His pedigree is given on page 11 of the Oct. 6, 1956 **World**, with pictures of his 3 direct dams and his sire's dam on the opposite page. He wraps up just what we were looking for in a herd sire.

Build your own herd with the help of Osborndale — selecting and proving on the Ormsby line for over 35 years.

WIS MAESTRO

Weber Burke Cyclone and Wis Ideal each appear twice in his 4-generation pedigree. He carries 314 crosses to Sir Pietertje Ormsby Mercedes, 5 crosses to Sir Bess Ormsby Fobes, and 15 crosses to Wisconsin Fobes.

We consider his dam and her family to be among the greatest of the breed. Our selection of Maestro rested not only on bloodlines but equally on the tremendous individuals throughout his entire pedigree.

To work with the Daughters of . . .
SIR BESS ORMSBY BURKE FOBES
Excellent - Gold Medal

Proven for both type and production with his first 20 Osborndale bred daughters having an actual production average of 770.8 fat 4.1% at an average age of 3y 4m. He carries 49 crosses to Sir Pietertje Ormsby Mercedes.

- and -
CLYDE HILL ROYAL (SMP)

Another bull with a great pedigree whose daughters are each day achieving better records at Osborndale. He has 20 crosses to Sir Pietertje Ormsby Mercedes.

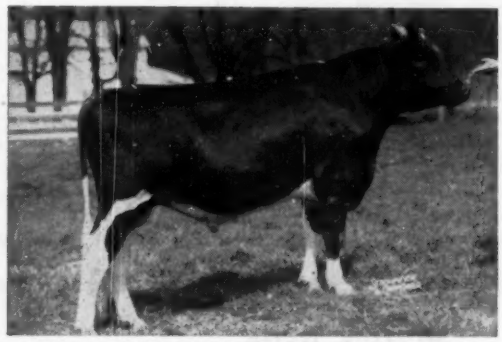
OSBORNDALE — Derby, Conn.

Certified - Vaccinated - Accredited - AR and HIR Tested - Classified (84.2) - 3 times PBR

FRED M. NICHOLS, Mgr. HANS JENSEN, Herdsman

AS WE SAID BEFORE . . .

Continued Improvement is the Key to Success



WINTERTHUR FOBES SELECT DEACON (SMP)
Plus proven in HIR with a substantial increase on 35 pairs and one daughter a State Champion. He is by P O F 14th (EX-GM) from the 850-lb. 2X Vamalo and he is full brother to the 906-lb. 2X Camalo.

The Deacon daughters helped our 1955 HIR Herd Average when 44 head on 3X made the ACTUAL average of 14,389 milk 3.6% 524.8 fat.

And the DEACON Daughters Are Continuing to Improve

FERNBROOK FOBES FOLLY . . .

2y	4m	305d	3X	15,912 m.	3.8%	599 f.
3y	**4m**	**365d**	**3X**	**22,215 m.**	**3.9%**	**862 f.**

(New York State Champion)

FERNBROOK FOBES FERLOT . . .

1y	11m	305d	3X	11,685 m.	3.9%	458 f.
3y	2m	354d	3X	15,833 m.	4.5%	712 f.
4y	**3m**	**365d**	**3X**	**20,220 m.**	**4.0%**	**816 f.**

FERNBROOK FOBES FINLANDIA . . .

2y	3m	365d	3X	16,077 m.	3.4%	554 f.
3y	**5m**	**365d**	**3X**	**22,080 m.**	**3.5%**	**770 f.**

FERNBROOK FOBES TUFFY . . .

2y	2m	305d	3X	11,065 m.	3.8%	423 f.
3y	2m	365d	3X	17,600 m.	3.8%	671 f.
4y	**4m**	**365d**	**3X**	**19,780 m.**	**3.6%**	**717 f.**

FERNBROOK FOBES DUFFY . . .

2y	3m	351d	3X	13,914 m.	4.1%	571 f.
3y	6m	278d	3X	15,208 m.	3.9%	591 f.
4y	**6m**	**305d**	**3X**	**17,650 m.**	**3.9%**	**703 f.**

Fernbrook Farm

Certified - Accredited - Vaccinated

L. H. & C. H. SWENSON, Jr. WAPPINGERS FALLS, NEW YORK

Holstein-Friesian World

The Newspaper of the Breed

VOL. 53 - NO. 23 DEC. 1, 1956

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Telephone Sandy Creek, N. Y., 3301

THE COVER

Chinook Monitor Barbee 3194992 (EX) is the new U. S. Champion producer for 305 days, 2X milking. She made 25,334 lbs. milk, 4%, 1012.6 lbs. fat at 6y 0m, 305d, 2X. Her lactation was completed in 352 days and her credits there were 27,381 lbs. milk, 4%, 1103 lbs. fat, a Washington State record over all ages on 2X, and 4th on the National list.

This great cow was bred and developed at State College of Washington, Pullman. She has previous records of 533 lbs. fat on 3X as a junior 2-year-old, 611 lbs. on 2X as a senior 3-year-old, and 907.7 lbs. on 2X as a senior 4-year-old. She was an Honor List Leader for both milk and fat in both 305d and yearly divisions with her 4-year-old record, placing second for milk and third for fat on the all-time National list in 305 days. "Barbee" was classified Excellent (90) in May, 1956.

CHINOOK MONITOR BARBEE (E)
New National Champion

This intensely Hazelwood bred champion comes from a great family in the College herd that goes back to a foundation cow purchased from John L. Smith in 1921. While her dam met with misfortune after producing 18,563 lbs. milk and 571 lbs. fat on 3X as a senior 2-year-old, this cow had three great maternal sisters. One was Chinook Imperial Catherine (VG) with three records over 1000 lbs. of fat. The other two were Chinook Imperial May (GP) with one record over 1000 lbs., and Chinook Imperial Helen (VG) with three records over 900 lbs.

The sire of Barbee's dam was Carnation Imperial Chief, a son of Carnation Chieftain out of Carnation Imperial Lassie (1066-lb. full sister to Carnation Governor Imperial and dam of the Reserve All-American, Carnation Ensign).

Barbee's sire, Nisqually Hazelwood Monitor (VG), is the son of Hallrose Hazel Clipper (VG) out of a famous old cow at Washington State, Joyce Lutscke Burke Homestead (VG), better known as "Old 153". She was on an all-roughage feeding experiment for her first 9½ lactations, making a lifetime total of 143,743 lbs. milk and 5,487 lbs. fat. Her last lactation was started at 17y 5m of age.

New State Records—

Michigan

For-Mar Var Maryl 3655582 is recently announced with a new state record for senior two-year-olds for Michigan. Calving at the age of two years six months, she has made in 365 days 16,096 lbs. milk, 3.8%, 610 lbs. fat. The record was made on 2X milking. She is a daughter of For-Mar Var 112-8379 and was bred and made her record in the herd of F. K. Merkley, Flint, Mich. This herd has been no stranger to state and national honors in past years, and we welcome them back with this new addition.

Third 1000-lb. Record

Dunloggin French Mistress 2334619 (EX), owned by Ridgely Farms, Stone Ridge, N. Y., has completed her third consecutive 3X record over 1000 lbs. fat. But this is only one in a series of happenings that proclaim this Dunloggin bred daughter of Woodmaster an unusual cow. Her other achievements include her sale in the four-figure price bracket three different times; the sale of her 7 daughters and one son for a total of $10,675; her classification of "Excellent;" and now we are informed that she has passed the 200,000-lb. lifetime milk mark.

French Mistress has been a regular breeder since her first freshening at 2 years 4 months and in each of her three latest lactations she exceeded 1000 lbs. fat. Her three 1000-lb. records:

10-2	365	3X	29,773	3.5	1032	AH
11-6	365	3X	28,157	3.7	1038	HT
12-11	365	3X	27,149	3.9	1050	HT

As a 13-month-old yearling, French Mistress sold in the 1943 Dunloggin Dispersal for $2100, going to Louis Pokrass, owner of Maple Haven Farms, New Paltz, N. Y. At the Maple Haven Dispersal she sold to The Hedge, Pine Plains, N. Y., for $2,000.

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Our Best Wishes To - -

OSAGE FARMS

Osage Farms are owned by Mr. A. H. Krusemark, Frankfort, Illinois

On Their Purchase of Half Interest in "Dynamo"

← CARNATION DYNAMO

Sired by Revelation "EX and GM" and out of Carnation Princess Heilo "VG" who has 835 lbs. fat and 22,280 lbs. milk. Her dam has 1107 lbs. fat. Dynamo is ¾ maternal brother to the Excellent Carnation Favorite Princess who has 919 lbs. fat.

Mr. Krusemark has been using Carnation bulls for the last 15 years. Dynamo will be used mostly on daughters of Carnation Grandmaster who is a son of the Excellent-Gold Medal "O'Boy" and Carnation Heilo Mercedes (VG) who has records up to 947 fat. Grandmaster's full sister has at 3 years, 365 days, 2X, 21,-325 milk, 3.8% and 820 fat and is a Pennsylvania State Champion. This should make an excellent cross as they are both grandsons of Imperial and Carnation Homestead Inka Walker. He will also be used on daughters of Carnation Revelation Governor, a son of Revelation out of the 825-lb. cow, Carnation Homestead DeKol Mildred. At Green Meadows, he was used almost entirely on Constellation daughters and they are a very outstanding group.

Dynamo sired the first and 2nd Jr. Get at the Michigan State Black & White Show; the first Jr. Get at both the Michigan and the Missouri State Fairs; and the second Jr. Get at the Ohio State Fair — all 1956. He also sired the 1st Heifer Calf at the Ohio State Fair in 1955.

Green Meadow Farms

Elsie, Michigan

"Where the Latch String Is Always Out"

Consider Tomorrow

REGIER POLKADOT TRIUNE QUEEN (EX.)
HIR 7y 2X 365d 16,570 3.8 625.8

This proven brood cow is due again March 1st to King Prince Jule (EX.). **If she has a bull calf it will be for Sale and what a herd sire that could make!!**

Queen is from one of the great transmitting cow families. Her own dam went "VG" as a heifer — never bred again and for that reason only, failed to make "EX." Queen's granddam was "EX" and her daughter, Nettie, is "EX" with 689 fat on 2X and now making a larger record. Nettie's daughter, Duchess went "VG" as a 2-yr-old in Oct. and we think will easily make an "EX" cow later on. Queen's 36 month old son also went "VG" in Oct. and should make an "EX" bull some day. The sire's dam is perhaps the greatest brood cow among John Hetts' animals.

Southwind
Holstein Farm
"The Crescent-Beauty Triunes"
EDMUND CAMPBELL
SEGUIN TEXAS

WE
OFFER
A FEW TOP
CLOSE SPRINGING
Ormsby Sensation 45th
HEIFERS

from good record, classified dams with high test. These are top foundation heifers! You will like them, and the price is reasonable.

We sincerely recommend them to you. Write, or come and see them!

We wish you
A
MERRY CHRISTMAS!

WIGSTEN'S HIGHLINE FARM
Murray and Warren Wigsten
PLEANSANT VALLEY, N. Y.
Accredited Certified

DUNLOGGIN FRENCH MISTRESS (EX)
Completed her third 1000-lb. record with:
12-11 365 3X 27,149 3.9 1050 HT
Owned by Ridgely Farms, Stone Ridge, N. Y.

and her four daughters in the sale brought a total of $3900.

When The Hedge dispersed, Franch Mistress was acquired by Mrs. Frances H. Leggett, owner of Ridgely Farms, for $1025. Again there were offspring in the sale, three daughters and a son whose sale prices totalled $6,775.

At Ridgely Farms this grand old cow completed two of her 1000-lb. records, classified Excellent, dropped a daughter, now is over the 200,000-lb. milk mark and is again safe in calf.

From an earlier purchase of a French Mistress daughter, Maple Haven Frenchie Var (VG), Ridgely Farms now has five generations of the female line starting with the old cow. Frenchie Var has a 1041-lb. 2X record and her daughter in turn is headed for 800 lbs. on 2X this year after making 525 lbs. as a 2X 2-year-old.

Here indeed is a Holstein cow illustrating that "It isn't what you pay, it's what you take home that counts."

AN IOWA REPEATER

Constance Korndyke Veeman, Excellent Iowa state champion with 1143 F on 2X at 11 years has just completed a 2X 12-year old record of 1011 fat in the herd of her owner, Ronald Chapman, Ruthven, Iowa. This new record gives this cow both first and second place in Iowa in HIR on 2X and her total production for seven lactations, starting as a five year old, is now 167,256 milk and 6,117.4 fat, all on 2X and on HIR. A young daughter of this cow sired by Wis Leader was one of the featured consignments to the 1956 Convention Sale at Milwaukee, the purchaser at $2500, Chambric Farms of Rockford, Illinois.

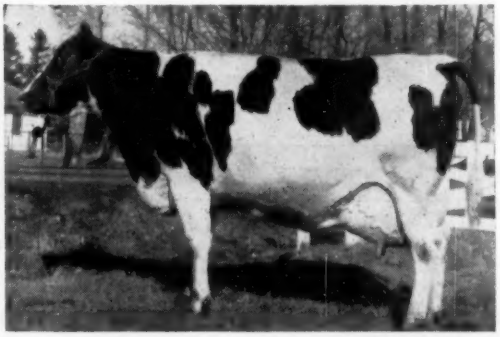
Florida — There is a new queen among Florida's junior 2-year-old 2X producers in the yearly division. She is Gaymont Admiral Ethel, owned by the Florida Agricultural Experiment Station at Gainesville. This daughter of Brook Lodge Admiral Lad made a record of 13220 lbs. of 3.9% milk, 517 lbs. fat at 2y 1m, 2X, 365d.

COBA PURCHASES GRAY VIEW BULL FROM MAPLE VIEW

Gray View Pansy Pilot, bred by Harvey Nelson & Sons, Union Grove Wis., and developed by both the Nelsons and Maple View Farm, Corinna, Maine, has been purchased by the Central Ohio Breeding Association, Columbus, Ohio. Maple View Farm is owned by National Director Fred J. Nutter and his son, Bob.

Pilot, classified "VG" is also a Silver Medal Type Sire. He is a son of Pabst Comet (VG-GM), one of the top proven sons of Wisconsin Admiral Burke Lad with 14 Excellent offspring and 168 daughters that average 545 fat (M.E.) His dam is one of the key cows in the Gray View program and is Pansy Burton De Kol Burke, Excellent with a string of 2X records to 21,377 milk, 4.0% and 850 fat and a lifetime of over 120,000 milk. She is a daughter of the plus proven Sir Pansy Beets Ormsby Burke. She is also a full sister to Nell Pansy Burton De Kol (VG-892f), the dam of Gray View Navigator, another one of the sires in service at COBA.

Pilot earned his silver Medal Type Rating on 20 classified daughters that averaged 83.5%. This breaks down as



CONSTANCE KORNDYKE VEEMAN (EX)
She has just completed a 12-yr.-old record on 2X of 1011 after making a state record of 1143 F., 2X at 11 yrs. in the herd of Ronald Chapman, Ruthven, Ia.

Princess' Dictator Daughter

Makes A Pennsylvania State Record

– HER DAM –

Poestenkill Pontiac Princess

Very Good

4-4 305d 2X 15,539 3.7 575

Carried Calf 206 days

Holds 1st place in state fat list – ten months division – jr. 4 2X.

Pontiac Princess is a daughter of the Excellent cow, pictured to the right, sired by Maytag Ormsby Fobes Dictator (EX-GM), the great Newman bull that sired outstanding type and production. Princess, one of our favorites, has quite a future ahead of her at Danboro. She is the kind we are building on.

LOS ROBLES GERBEN LYONS PRINCESS (Excellent)
5y 365d 2X 22,097 726
Two proven sons and a full brother plus proven. She is a daughter of Lyons Ormsby Prince (GM) out of Los Robles Lyons Gerben (EX-3 records over 600 fat on 2X).

– HER PATERNAL GRANDDAM –

DICTATOR FOBES PONTIAC LASS (EX)
7y 365d 3X 19,554 4.1% 803.4
A member of the 1948 All-American Produce of Dam, she was sired by Sir Ormsby Fobes Dictator and from one of the greatest cow families in the Maytag herd. She is the dam of Maytag Ormsby Fobes Dictator (EX-GM) and Amcana Dictator Model, our present senior herd sire.

In Service at Danboro

Amcana Dictator Model

(VG - 89 points)

← A Son of This Great Cow

Amcana Dictator Model is a maternal brother to Maytag Ormsby Fobes Dictator sired by Clarkdale Gloria Transmitter (EX-GM), another one of our senior herd sires. His dam, pictured, is one of the great cows of the breed and we are trying to have her appear in as many of the Danboro pedigrees as possible. **Why not write and see if we have one of her grandsons that will fit in your program.**

Come to Danboro For Your Ormsby Blood

Accredited
Certified
Vaccinated

Classified
Analyzed
by aAa

A Grievous Loss!

Winterthur APOLLO (Excellent-SMP)
Son of the "Excellent" Gold Medal Proven Sire, Pabst Winterthur ZEUS, from an "Excellent" 801-lb. 2X 4.2% daughter of the "Excellent" Gold Medal Proven Sire, Posch Ormsby Fobes 14th.

The recent death of our "Excellent" herd sire, Winterthur APOLLO, is a grievous loss. His daughters, now coming into bloom, have already earned for him the coveted Silver Medal for proven ability to sire superior type. The APOLLO daughters have size, dairy sharpness, deep ribs, and beautiful udders.

APPOLLO's get stood first at the Connecticut State Holstein show in 1956 and 5th at Eastern States Exposition. His son, OLYMPIAN, was first prize 2-year-old and Reserve Grand Champion at Eastern States.

The APOLLO daughters are equally outstanding at the pail, as the official proving from Brattleboro should show. They have records to 590 lbs. fat at 2 years and 645 lbs. at 3 years, all 2X milking of course.

APOLLO daughters fresh with second calf are starting off making three pounds fat a day. For examples VICKEY with 66.4 milk, 4.8%; DINAH with 73.9 milk, 4.2%; LIBBY with 142 lbs. fat in 55 days; HATTIE with 165 lbs. fat in 57 days.

Fortunately a modest supply of APOLLO's frozen semen remains. We trust our customers will understand why we wish to reserve it for special matings.

We welcome inquiries about partnerships in promising APOLLO sons — for example: **WHIRLHILL HECTOR,** born 30 June, 1956, black and handsome. Hector's "Very Good" dam (E-V-V-V-V-V-V-E) has 760 fat on 2X milking.

Whirlwind Hill Farm

WALLINGFORD, CONN.

DEAN RICKARD, Operator **JAMES M. OSBORN, Owner**

follows: 1 "EX", 6 "VG", 11 "GP", 1 "G" and 1 "F". According to word from Sire Analyst, Charles Baldwin, the Pilot daughters excel in udder quality, shape and strength of attachments. Four of the Pilot daughters are classified Excellent in Mammary System. Mr. Baldwin also reports that the daughters milk out rapidly and completely.

The COBA production analysis, using both DHIA and HIR records, shows that 23 daughters have 30 records that average 13,985 milk, 3.8% and 528 fat. The daughter-dam comparison on 20 pairs shows that the daughters were 938 lbs. milk and 45 lbs. fat under the dams with the dams on a 580-lb. level. Mr. Baldwin reports that recently fresh 2-yr-olds and daughters milking in their second lactations will substantially increase the daughter level as time goes by.

ANOTHER DUNLOGGIN BULL FOR NOBA

Bryce Weiker, Holstein Sire Analyst for Northern Ohio Breeder's Cooperative Association, Tiffin, Ohio, reports the purchase of Uneeda Pica Prince from Harold Gawthrop, Etna Green, Indiana. This "VG" 6-yr-old bull, bred by Leonard Hibschman, Syracuse, Indiana, is a son of Dunloggin Lochinvar Prince (EX-GM) out of Dunloggin Pica, a "VG" daughter of Dunloggin Footprint with 4% records to 650 fat on 2X. Pica's dam is Dunloggin Duchess Belle (VG), a 733-lb. 4% daughter of Lauxmont Roselad Della out of the famous Dunloggin Christmas Belle (743—4%). Prince's sire, Dunloggin Lochinvar Prince, is a son of the well known Dunloggin Mistress La Princess (EX-1047 fat).

The bull was used quite extensively in the herd of Harold Gawthrop, where he now has 11 daughters in production. Eight of these daughters have already completed their first lactations with three of them producing over 600 fat as 2-yr-olds. Three more have exceeded 500 fat as 2-yr-olds and the other 2 have made 485 and 411 fat as jr-2-yr-olds.

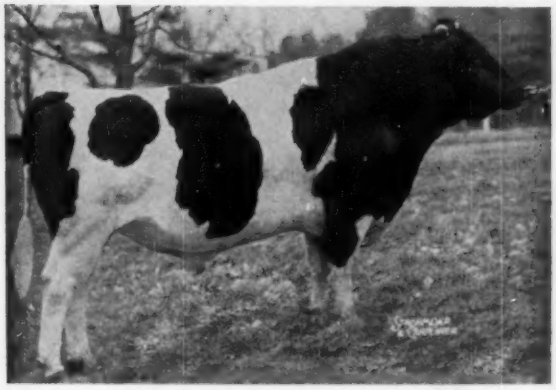
Using all records on daughters and dams he now has the following NOBA proof:

11 daus.	16 recs.	16,513	3.9%	642
11 dams	28 recs.	12,941	3.6%	463
2X 305d M. E. basis		+3,572	+.3%	+179

Bryce Weiker reports that the daughters of the bull are quite impressive for type. According to Mr. Weiker, they have great capacity combined with dairy sharpness and they are also strong in legs, rumps and udders.

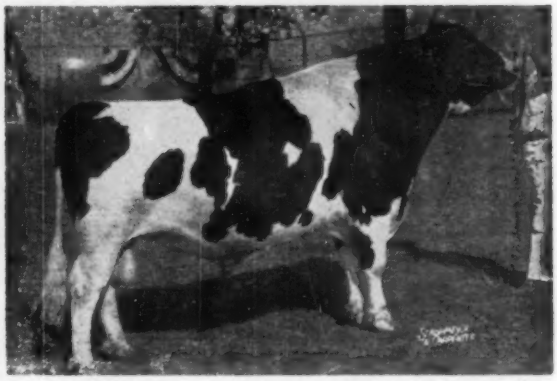
Selective Breeders Choose Distinguished Sires

And you can use these distinguished Golden Genes Sires To Advance Your Own Breeding Program



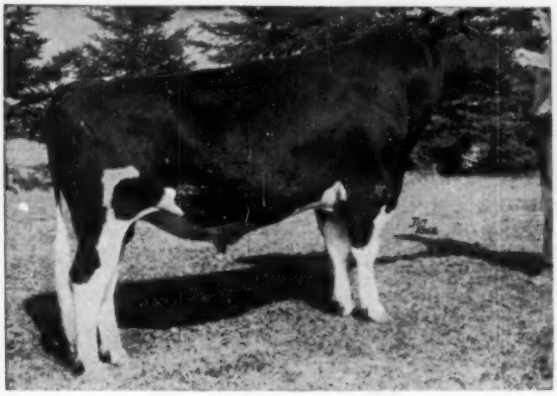
SOVEREIGN COCHRAN (VG-Gold Medal)

The popularity of this proven son of "Sovereign" is at a peak as his "new" daughters develop. Pineyhill Farm won eight firsts on his offspring at the recent N. J. State Show, including both grand champions and the Best Udder winner! A daughter topped the 1955 Earlville Invitational Sale — A son topped the 1956 Super-Duper.



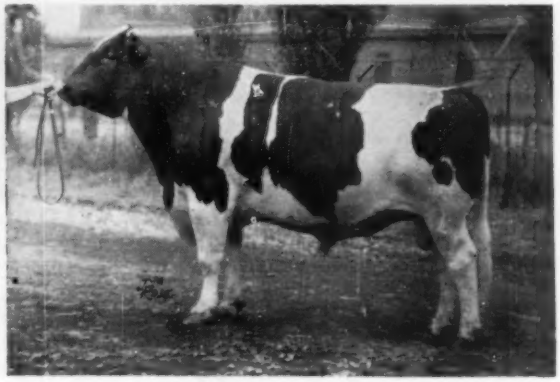
A B C REFLECTION SOVEREIGN (EX-Extra)

One of the most popular sires ever used in Canada. Three times All-Canadian. Sire of the All-Canadian and All-American Gets of 1953, 1954, 1955. 84% of his 98 classified daughters are GP or better. Sire of 5 All-Canadian and 3 All-American daughters all in the milking classes. His sons have sold for $20,100, $15,000 and $11,000 in the Sale of Stars. Another great son of "Sovereign."



ROSAFE CENTURION (EX)

Certainly one of the most promising of the breed's younger sires, he heads the great Glenafton herd in Ontario. His first five daughters are now in milk there, all as junior 2-year-olds, averaging over 1550 lbs. per month. His junior Get was 1st at the Royal, 1955 & 1956. His famous dam was 1954 All-Canadian Aged Cow, with a lifetime to date of over 152,661 lbs. milk and still going strong. A paternal sister was the Excellent-All-American granddam of "Fond Hope." Another was the Excellent-All-Canadian dam of "Reflection Sovereign."



SPRING FARM FOND HOPE (EX)

Another extremely popular "Rag Apple" sire, with 12 All-Canadian and 12 Reserve All-Canadian offspring. With Juliette, his sister, he has been member of the All-Canadian produce four times, Reserve once. His daughters will be showing as mature cows for the first time this fall, and they are now completing dozens of 500 and 600-lb. 2X records in leading herds all over Canada and the United States. His sons have sold up to $9,000.

Check the winnings of the Golden Genes' sires from "north of the border" in the report of the 1956 Royal in this issue. For instance — among many other winnings, a Centurion daughter was Junior Champion Female and his Junior Get was first; a Fond Hope son was Res. Jr. Champion Bull; an A B C Reflection Sovereign daughter was Res. Jr. Champion Female and another daughter was First Dry Aged Cow.

This is the breeding you can get through GOLDEN GENES. Write or phone today for complete information.

Golden Genes, Inc.

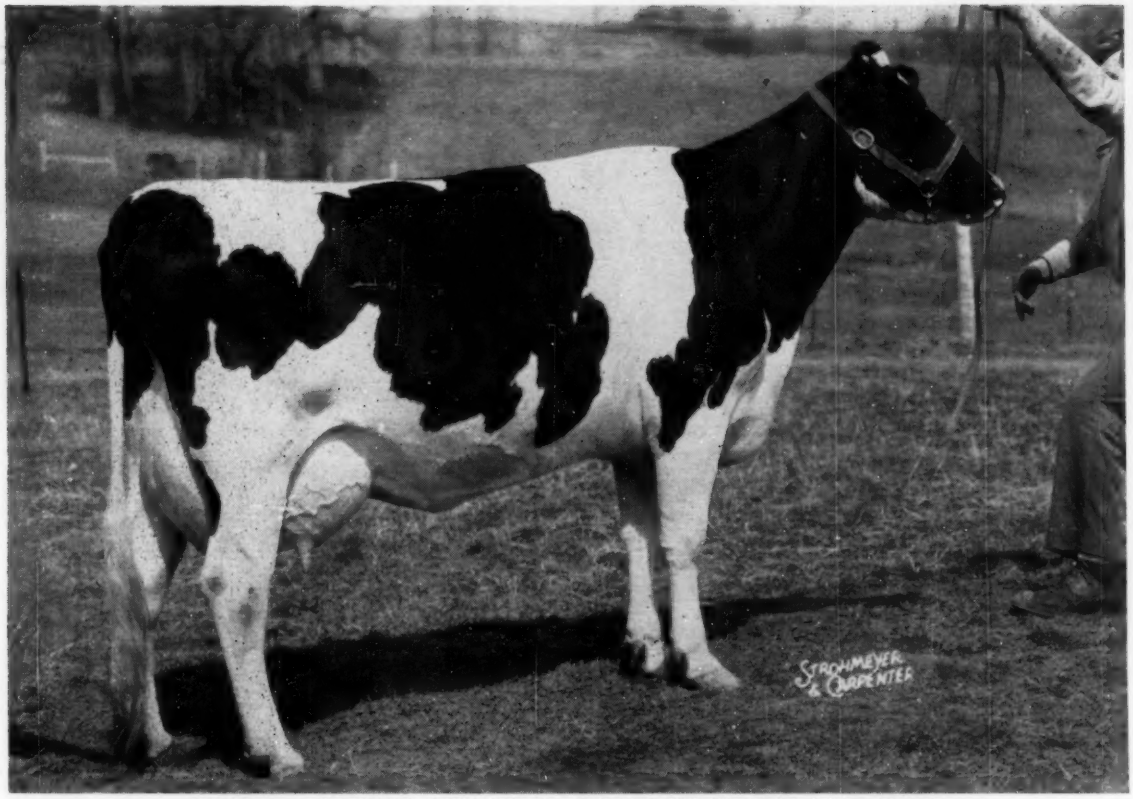
DIMOCK, PENNA.

DONA'S "Reflection Sovereign" Son For Sale — —

Pineyhill

PINEYHILL DON JUAN

BORN 4/14/56



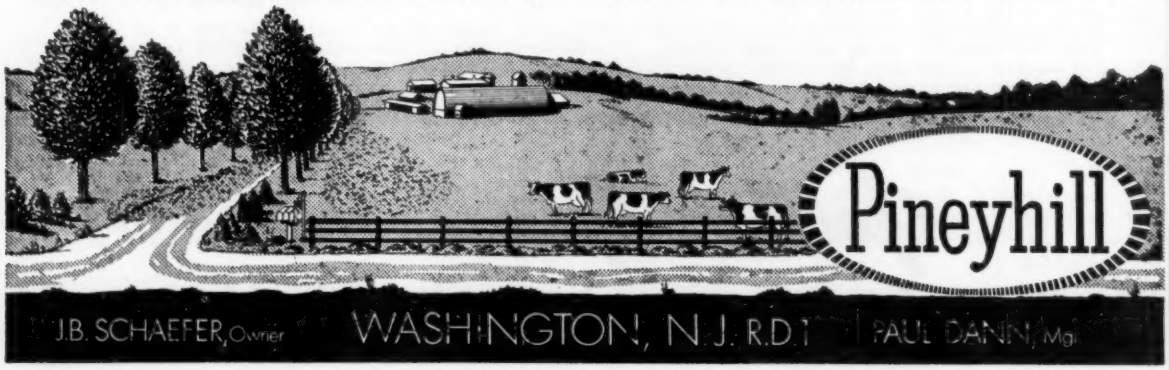
His Dam: GLENELG TRAILBLAZER DONA 3326003 (Very Good)

AR	2-2	306d	2X	12072	3.8	454
DH	3-2	310d	2X	11508	3.5	407
AR	4-2	352d	2X	17602	3.6	642
AR	4-2	305d	2X	16693	3.7	610
AR	5-3	198d	2X	13153		532 (inc.)

(Bred to qualify for 305d)

This is a well grown, square rumped, light colored calf of striking individual type. His famous sire is A. B. C. Reflection Sovereign (EX-Extra), three-time All-Canadian sire of 7 All-Canadian offspring and three All-American and three All-Canadian Gets. The dam pictured above is a daughter of Montvic Rag Apple Trailblazer (VG), great proven son of Montvic Lochinvar and Montvic Rag Apple Papoose. The next two dams made 612 and 671 lbs. fat on 2X, respectively. "Dona's" last son was sold to Foster Walk of Neoga, Ill.

SEND FOR PEDIGREE AND FULL DETAILS — OTHER CHOICE BULLS ALSO AVAILABLE



WHEN YOU READ THIS ISSUE

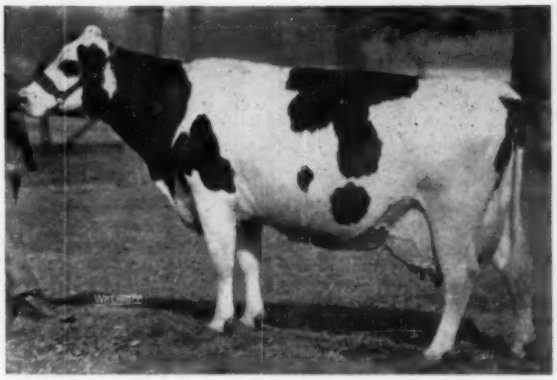
THIS WONDER COW WILL HAVE FINISHED

HER RECORD BREAKING

PERFORMANCE

A cordial invitation is extended to all members of the Illinois Association and breeders from everywhere to come to Rock River Farms during the state meeting, December 6 and 7 to see this cow and her family.

A special tour is planned on the afternoon of Thursday, December 6. The meetings are held at Rockford, headquarters Hotel Faust, which is about 12 miles northeast of Rock River Farms.



HAVEN HILL CRESCENT GEWINA COUNT
Excellent — 93 Points

365 ds.	**3X**	**7y**	**27,953**	**3.8**	**1069.1**
	(12th place on 1955 Honor List)				
305 ds.	**3X**	**7y**	**25,042**	**3.8**	**957.8**
	(2nd place on 1955 Honor List)				
365 ds.	**2X**	**5y**	**24,739**	**3.9**	**963.0**
	(Ill. state leader — 2nd on 1953 Honor List)				
365 ds.	2X	3½y	17,584	4.1	716.
	(2nd high in Ill. for age)				
365 ds.	2X	2½y	15,679	3.7	582.

Watch the issue of Decmeber 15 for full details.

ROCK RIVER FARMS

BYRON, ILLINOIS

Mr. and Mrs. R. B. McLaughlin
Owners

Richard Chisamore
Herdsman

Just Classified - -

1 "EX." - 6 "VG" - 14 "GP" - 11 "G"

82 Average on 32 Head

Our Herd Lactation Average

★ **27 Cows** ★

17,618 milk 3.9% 684 fat

A December Bull Bargain Special

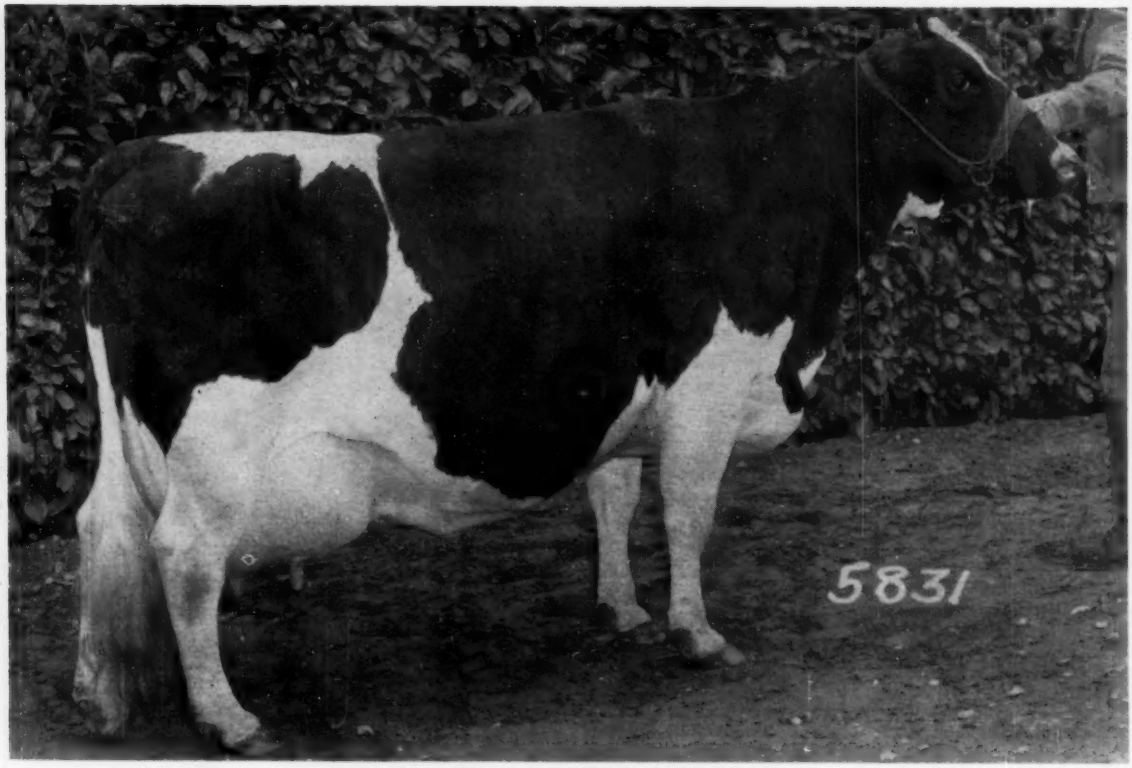
This youngster, born Nov. 8, 1956, is a son of the proven Quality Fobes Walker King (in service in the Conn. Artificial Breeding Stud) and his dam is Quality Fobes Walker Omay, a Good Plus daughter of Quality Fobes Walker Ijon who has just finished with 500 fat on 2X as a jr. 3-yr-old. She is now starting out strong as a 4-yr-old. Her dam is "VG" with records to 642 fat on 2X and the next dam is a "VG" daughter of Winterthur Fobes Great Viscount (VG-GM) with 2X records to 974 fat. This outstanding young calf, marked half and half, has 3 crosses to the great Viscount bull, as his sire is a son of Viscount and is a full brother to the dam's sire. He is very modestly priced at $300 at the farm.

Send For Pictures and Pedigree

Quality Farm — Lakeville, Conn.

Francis J. Gomez and Russell L. Pattengell

Accredited - Certified - Vaccinated - Classified - Analyzed



CARNATION LOLA SPOFFORD "V.G."

2-2	3X	365 days	16,076	584.8	3.7%
3-7	3X	365 days	19,311	683.2	3.5%
5-0	3X	365 days	27,676	1017.1	3.7%
6-2	3X	365 days	24,021	917.0	3.8%

Now going strong on 5th lactation.

HER SON BY BUTTER BOY IS A GREAT HERD SIRE PROSPECT

The young bull we offer this issue, Ear Tag B-360, is a son of Lola Spofford, pictured above. She is by the "Excellent" Gold Medal Hallrose Progressor from a "Very Good" 959 lb. member of the Spofford family. The Spoffords have long been noted for their heavy year after year production, long life and high fertility.

The sire of Ear Tag B-360 Carnation Madcap Butter Boy is an "Excellent" Silver Medal type son of Frasea Butter Girl Wayne who has a classification score of 95 at past 14 years of age. Butter Boy's sire, Carnation Imperial Madcap Lad ("V.G." - G.M.), is one of three great breeding full brothers from the Madcap family.

Consistent, persistent production, sound type, outstanding udders, long life and high fertility are family characteristics on both sides of the pedigree of this calf Ear Tag B-360.

Let us tell you more about him.

Carnation Milk Farms

CARNATION MILK FARMS

Dept. No. 218

Carnation, Washington

★ The Newspaper of the Breed ★

Holstein-Friesian World

Vol. 53 – No. 23

December 1, 1956

THE AGED COW CLASS (By Strohmeyer & Carpenter)

THE ROYAL WINTER FAIR

"Fobes" and "Inga" Grand Champions for Pabst Farms
"Pell City" Junior and Reserve Grand for Bottema

The strongest entry of U. S. Holsteins in recent years helped to make the 1956 Royal Winter Fair Holstein Show an event of intense spectator interest and truly international importance.

A total of 313 head were exhibited by 99 breeders from five Canadian provinces and the states of Wisconsin, Indiana, Maryland, Illinois and New York. Veteran Royal observers thought it one of the strongest Holstein exhibits in the 35-year history of this show, with the quality running deep in nearly every class. Judge W. K. Hepburn, Jr., Dalton, Pennsylvania earned the praise of U. S. and Canadian exhibitors alike for his consistently keen appraisal of the classes.

Pabst Farms, Oconomowoc, Wisconsin captured both grand championships with Pabst Fobes Burke and Plain View Inga, both undefeated this year in six major shows. Wisconsin's strong state herd won the trophy in the Inter-provincial class against three strong sectional groups from Ontario. The Pabst Farms get by Wis Leader evened the score with Romandale's International Dairy Show winners by Lonelm Texal Highcroft in a nip-and-tuck battle, while the Romandale Produce won a measure of vengence by turning the tables on Pabst Farms in another reversal of the Chicago placings.

C. M. Bottema's undefeated senior yearling bull, Cash-Mar T M Pell City, won his class and went on to take the junior and reserve grand championships. Other first prize winners for U. S. breeders were Fair Hill Golden Alma (Dry 4-year-old) for Edwin D. Fry & Son, Gaithersburg, Maryland, and Gray View Pet Crystal (Dry 2-year-old) for Harvey A. Nelson & Sons, Union Grove, Wisconsin.

J. J. E. McCague, Alliston, Ontario piled up a two-point margin over J. M. Fraser, Streetsville, Ontario to take the coveted Premier Breeder award. This was a three-way battle, with Romandale Farms, Gormley, Ontrio, trailing Fraser by only two points. Romandale had a substantial lead in winning the Premier Exhibitor banner, with Fraser the runner-up.

The closeness of the competition throughout the show was indicated by the fact that in the 18 individual classes there were 22 different owners, including joint ownerships on bulls. Romandale Farms led the field with three firsts, closely followed by Pickard & Clark of Carstairs, Alberta, Pabst Farms, and Sheffield Farms, St. George, Ontario, with two each.

Other top prizes in the individual classes went as follows: J. M. Fraser on his junior yearling bull, Spring Farm Fond Tom, the reserve junior champion; Oxford & District Cattle Breeding Association, Woodstock, Ontario on Smithcroft Snowball Rocket, first prize 2-year-old bull and reserve senior champion; Edwin D. Fry & Son on their first prize dry 4-year-old, Fair Hill Golden Alma; William G.

WISCONSIN'S WINNING STATE HERD

Left to right: Pabst Fobes Burke, first prize aged bull, senior and grand champion (Pabst Farms); Gray View Skyliner, second prize senior yearling bull (Gray View Farms); Linden Dictator Wimble Wimpy, third prize aged cow in milk (Braun's Sunny Lea Farm); Plain View Inga, first prize aged cow, senior and grand champion (Pabst Farms); Gray View Pet Crystal, first prize dry 2-year-old (Gray View Farms); Future Hope Commander Blacky, 14th prize senior yearling heifer (Ralph Draeger).

Hammond, St. Paul Station, Ontario on his dry 3-year-old, Sprucehaven Rag Apple Doris; Harvey A. Nelson & Sons on Gray View Pet Crystal, first in the class of dry 2-year-olds; J. J. E. McCague, Alliston, Ontario on the winning senior yearling and junior champion heifer, Glenafton Nettie Colantha, a daughter of Rosafe Centurion; Hardy Shore, Glanworth, Ontario on his junior yearling, Shore Shamrock Tensen, reserve junior champion female; and W. K. Napp, Galt, Ontario on Dewdrop Lordell Violet, junior heifer calf.

The Champions

Plain View Inga, fresh since early February and running ahead of her 1001-lb. 4-year-old record of last year, had a commanding advantage in length and depth of body and openness of rib over the white cow in second in the aged cow class, Balsam Brae Pluto Sovereign, shown by F. Roy Ormiston, Brooklin, Ontario. This cow, grand champion at the Peterboro Championship Show, was up in second place here because of her outstanding udder, later winning the Hawkherst Challenge Trophy as the best uddered female in the show. In third was the big, strong, long bodied daughter of Sir Ormsby Fobes Dictator which Braun's Sunny Lea Farm of Waukesha, Wisconsin purchased recently from Newman Farms of Culver, Indiana.

Inga's greatest challenge came in the judging for championship honors, against Almerson Rocket Supreme, Romandale's outstanding winner of the 4-year-old class. A cow of great length, strength, and carrying a stylish udder, Judge Hepburn nevertheless confirmed Harvey Swartz's decision at Chicago in making the Inga cow grand champion and the 4-year-old reserve grand champion. He found balance, style and blending in favor of the older cow. Romandale's first prize dry aged cow, Pluto Sovereign Gertie, a daughter of A B C Reflection Sovereign, was rated third best in the championship class.

Pabst Fobes Burke was a standout, both in the aged bull class and for the grand championship. His clean cut, stylish general appearance, beautifully blended shoulders, soundness in feet and legs, together with impressive size, marked him a winner from the moment he stepped into the ring. C. M. Bottema's Cash-Mar Ormsby Jerry, a former All-American, placed second, with W. K. MacLeod's Carnation Northman nosing out Spring Farm Fond Hope for third.

The closest contest for male championship honors was between Smithcroft Snowball Rocket, the first prize 2-year-old and reserve senior champion, shown by Oxford & District Cattle Breeding Association, and C. M. Bottema's Cash-Mar T M Pell City, the first prize senior yearling and junior champion. The Pell City bull stood better on his front feet and was judged stronger in the heart. The reserve junior champion bull, Spring Farm Fond Tom, shown by J. M. Fraser and Georges R. Gladu, first in the junior yearling class, was cut from the same pattern as Pell City, but did not show the width nor smooth blending of the junior champion.

For the second year in a row the female junior championship went to Glenafton Farm on a senior yearling daughter of Rosafe Centurion. Glenafton Nettie Colantha headed a very strong class of 32 entries, winning on her scale, balance, squareness of rump, and neatness in hind legs. She was one of the stars of McCague's first prize junior get of sire. The reserve junior championship went to Hardy Shore, Glanworth, Ontario on the top junior yearling heifer, Shore Shamrock Tensen, a clean-cut deep-ribbed daughter of A B C Reflection Sovereign. She won her class over A. H. McKane's Chicago junior champion, Emeraldale Arrow Lorna, not showing the balance nor levelness on top she needed that day.

The Groups

Romandale entries were particularly strong in the groups, winning the Produce of Dam class, the first prize Dairy Herd, and the Henry Trophy for Three Best-Uddered Females.

The first prize Pabst Farms get by Wis Leader included the grand champion Inga, the 4-year-old full sisters, Amy Lass and Kitty (2nd and 4th prize 4-year-olds and second prize produce of dam), and Pabst Leader Reclo, 9th 2-year-old in milk. This was the same line-up which won first at Waterloo. At Chicago, where Romandale's Highcroft get nosed them out for the blue ribbon, Elmwood's "Cora Jewel" daughter of Wis Leader was substituted for the 2-year-old. In placing them over the Highcroft cows here, Judge Hepburn credited them with a bit more uniformity, and an advantage in levelness of udder floor and quality, granting some advantage to the Highcrofts in scale, describing them as "more upstanding." Elmcroft Farms placed third here with a fine group by Elmcroft Scepter.

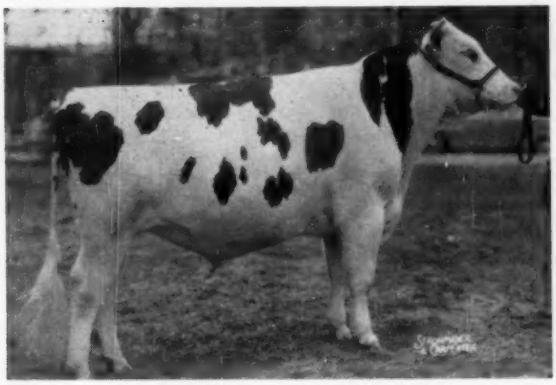
Romandale's produce of Tiny Supreme De Kol, composed of the first prize 4-year-old in milk (and reserve grand champion) and the 15th prize aged cow, was placed over the two Pabst 4-year-olds (2nd and 4th in their

(Please turn to page 42)

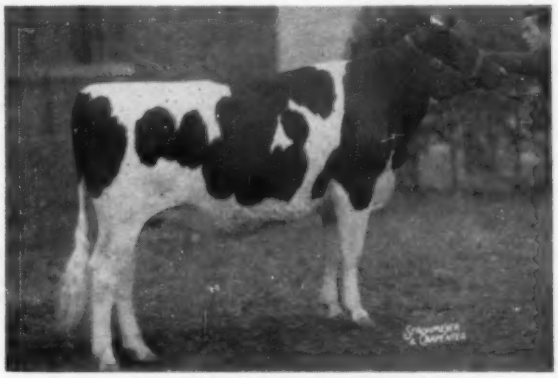
These were Winners at the Royal

PABST FOBES BURKE
First prize aged bull, senior and grand champion. Pabst Farms, Oconomowoc, Wis.

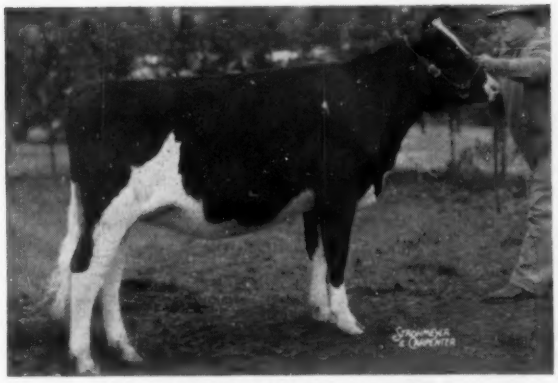
PLAIN VIEW INGA
First prize aged cow, senior and grand champion. Pabst Farms, Oconomowoc, Wis.



CASH-MAR T M PELL CITY
First prize senior yearling bull, junior and reserve grand champion. C. M. Bottema, Jr., Bridgeport, Ind.



GLENAFTON NETTIE COLANTHA
First prize senior yearling heifer and junior champion female. Glenafton Farms, Alliston, Ont.



SHORE SHAMROCK TENSEN
First prize junior yearling heifer and reserve junior champion female. Hardy Shore, Glanworth, Ont.

ALMERSON ROCKET SUPREME
First prize 4-year-old in milk, reserve senior and reserve grand champion. Romandale Farms Ltd., Gormley, Ont.

THE GRAND NATIONAL HOLSTEIN SHOW

BY ALLEN JOHNSON

California Sunshine prevailed at the Cow Palace in San Francisco, a beautiful day of about 80 degrees.

Some 270 head of Holsteins passed before the critical eye of Judge Harvey Swartz, this being the largest show, with best quality of cattle ever to be held in the Cow Palace.

Several out of state exhibitors from Washington and Oregon created interest and enthusiasm among the ringside viewers.

Carnation Farms of Washington won Premier Breeder and Premier Exhibitor awards, and Grand Champion Bull on Hallrose Hazel Pride; Lavacre Farms winning Grand Champion Cow on Lavacres Della Dusty Jo (1955 All-American 3-yr-old). Wallace Lindskoog won Junior Champion Heifer on Arlinda Elsie Diane, who won the same honor at the California State Fair. Lindskoog also won Junior Champion Male on Arlinda Elsie Trumpeter.

A large group of Holstein breeders were at ringside to view this very successful show. California was honored to have Robert Rumler of the National Holstein Association at ringside.

Junior Bull Calf (10)
1. E M C Ideal, Ed Cate; 2. Arlinda Elsie Leader, Wallace Lindskoog; 3. Verboon Milvir Prancer, John Verboon; 4. Kidd Farms Senator Laddie, Kidd Farms; 5. Kidd Farms Netherland Joe, Kidd Farms.

Senior Bull Calf (18)
1. Carnation Butter Boy Halo, Carnation Milk Farms; 2. Nisqually Jewel Caveller, Western Washington Experiment Station; 3. Lavacres Magic Oliver, Lavacre Farm; 4. Top Rolinda Irene Ike, Conrad Lee Andresen; 5. Pacific Slope Burke Leader, Lavacre Farm.

Junior Yearling Bull (8)
1. Kidd Farms Successor Jet, Kidd Farms; 2. Dixonic Var Rett Hallelujah, Dixonic Farms; 3. Kidd Farms Laddie Acme, Kidd Farms; 4. Lavacres Var Challenger, Lavacre Farm; 5. Arlinda Elsie Don, Wallace Lindskoog.

Senior Yearling Bull (6)
1. Arlinda Elsie Trumpeter, Wallace Lindskoog; 2. Verboon Var Banner, John Verboon; 3. Kidd Farms Laddie Blau, Kidd Farms; 4. Linmere Rozetta Ivan, Lindow Bros.; 5. Dixonic Var Rett Gem, Dixonic Farms.

Two-Year-Old Bull (5)
1. Arlinda Elsie Juliette, Wallace Lindskoog; 2. Adohr Perfection Precision, Adohr Farms; 3. Kidd Farms Successor Duke, Kidd Farms; 4. Sleepy Hollow Superb Papoose, Herzog.

Aged Bull (8)
1. Hallrose Hazel Pride, Carnation Milk Farms; 2. Adohr Bellboy Stalwart, Adohr Farms; 3. Ideal Burke Elsie Leader, Wallace Lindskoog; 4. Stevinson Carnation Zalco, Bernard Souza & Sons; 5. Ty Vic Ever May, Albert Evers.

Senior & Grand Champion Bull:
Hallrose Hazel Pride, Carnation Milk Farms.

Junior Champion Bull:
Arlinda Elsie Trumpeter, Wallace Lindskoog.

Reserve Champion Bull:
Adohr Bellboy Stalwart, Adohr Farms.

Junior Heifer Calf (20):
1. Carnation Nona Skylark Superior, Carnation Milk Farms; 2. Carnation Nona Hello Jessie, Carnation Milk Farms; 3. Verboon Dandy Priscilla, John Verboon; 4. E M C Elsie Abbe Dewdrop, Ed Cate; 5. Yokohl Magic Mary, James Reed.

Senior Heifer Calf (24)
1. Yokohl Ormsby Gold Belle, James Reed; 2. Arlinda Count Lucille, Wallace Lindskoog; 3. Dixonic Var Rett Showgirl Boon, Dixonic Farms; 4. Rolinda Top Duobella Bea, J. C. Andersen; 5. Nisqually Jewell Beth, Western Washington Experiment Station.

Junior Yearling Heifer (18)
1. Lavacres Var Denla, Lavacre Farm. 2. Carnation Skylark Mutual Topsy, Carnation Milk Farms; 3. Verboon Ardee Echo, John Verboon; 4. Kidd Farms Laddie Clover, Kidd Farms; 5. Carnation Skylark Lola Beauty, Carnation Milk Farms.

Senior Yearling Heifer (26)
1. Arlinda Elsie Diane, Wallace Lindskoog; 2. Carnation Sally Lola Honey, Carnation Milk Farms; 3. Carnation Sally Mercedes Hello, Carnation Milk Farms; 4. Lavacres Dusty Jolly, Lavcre Farm; 5. Arlinda Elsie Madilyn, Wallace Lindskoog.

Two-Year-Old Heifer (20)
1. Puget Sound Ideal Peggy, Waltner Farms; 2. E M C Kathleen, Ed Cate; 3. Arlinda Elsie Morning, Wallace Lindskoog; 4. Lavacres S O J Marka, Gary Schmidt; 5. Puget Sound Ideal Nadine, Waltner Farms.

Three-Year-Old Heifer (20)
1. Sequoia Jo Jo Eva, Sequoia Farms 2. Carnation Skylark Suzy Topsy, Carnation Milk Farms; 3. Lone Fir Hazel Jane, Elmer & Melvin Bernards; 4. Lone Fir Hazel Lass, Elmer & Melvin Bernards; 5. Adohr Confident Beautiful, Adohr Farms.

Four-Year-Old Heifer (15)
1. Lavacres Della Dusty Jo, Lavacre Farm; 2. Double Tee Frisky Burke, Ed Cate; 3. Adohr Bellboy Maiden, Adohr Farms; 4. Sutten Oaks Var Seven Again, Gary Schmidt; 5. Linmere Rozetta Valentine, Lindow Bros.

Aged Cow (20)
1. Lavacres Della Peggy, Lavacre Farm; 2. Rocky Hill Montyabbe Dewdrop, Ed Cate; 3. Sutten Oaks Proud Wayne, John Verboon; 4. Sutten Oaks Var Lucinda, Lavacre Farm; 5. Country Royal Jule Pietje, Lavacre Farm.

Senior & Grand Champion Female:
Lavacres Della Dusty Jo, Lavacre Farm.

Reserve Champion Femnle:
Lavacres Della Peggy, Lavacre Farm.

Dairy Herd
1. Lavacre Farm; 2. Carnation Milk Farms; 3. Ed Cate; 4. Waltner Farms; 5. Wallace Lindskoog.

Best Three Females
1. Lavacre Farm; 2. Carnation Milk Farms; 3. Waltner Farms; 4. James Reed; 5. Lindow Bros.

Get of Sire
1. Get of Lavacres De Kol Ormsby Black Hawk, Lavacre Farm; 2. Get of Frasea Ideal Pilot, Waltner Farms; 3. Get of Sequoia Dusty Jo, Sequoia Farm; 4. Get of Ideal Burke Elsie Leader, Wallace Lindskoog; 5. Get of Dunloggin Strathvar, John Verboon.

Produce of Dam
1. Produce of Sutten Oaks Var Frisco, Ed Cate; 2. Produce of Pacific Slope Dinah Korndyke, Ed Cate; 3. Entry, Elmer & Melvin Bernards; 4. Produce of Yokohl Primrose, James Reed; 5. Produce of Arlinda Double Dawn, Wallace Lindskoog.

Junior Get of Sire
1. Jr. Get of Ideal Burke Elsie, Wallace Lindskoog; 2. Jr. Get of Carnation Madcap Butter Boy, Carnation Milk Farms; 3. Jr. Get of Lavacres DuVar, Lavacre Farm; 4. Jr. Get of Sutten Oaks Vrouka Rett, Dixonic Farms; 5. Jr. Get of Kidd Farms Senator Laddie, Kidd Farms.

Best Udder
1. Lavacres Della Peggy, Lavacre Farm; 2. Rocky Hill Montyabbe Dewdrop, Ed Cate; 3. Lavacres Della Dusty, Lavacre Farm; 4. Puget Sound Ideal Glenda, Waltner Farms.

Premier Breeder
Carnation Milk Farms.

Premier Exhibitor
Carnation Milk Farms.

State Herd
1. California; 2. Washington; 3. Oregon.

Grand National Sale Avg. $551

Catalog Summary

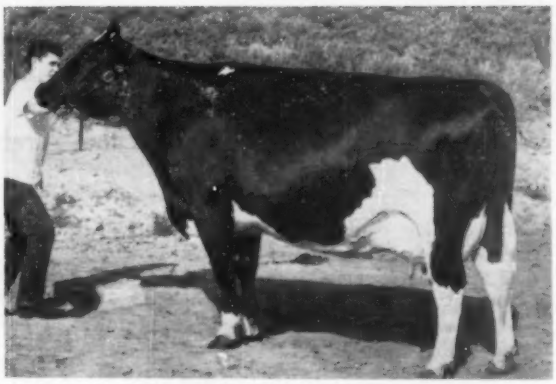
28 Femnles		
2 Yrs. & Over	**$16,655**	**$594.82**
9 Bred Yearlings	**5,145**	**571.67**
11 Open Yearlings	**4,570**	**415.45**
13 Hefler Calves over 3 mos.	**4,670**	**359.23**
7 Bulls over 3 mos.	**6,450**	**921.43**
68	**$37,490**	**$551.32**

The annual sale sponsored by the California Holstein Association held November 8th at the Cow Palace in San Francisco proved to be a very successful event. It was something a little different from former years, held the following day after show day. The association received a tremendous amount of help from Walter Rodman, Superintendent of Livestock at the Cow Palace. He made every effort possible to help stage a successful sale, with the effort going towards bringing in an out-of-state herd for show day and some out-of-state cattle for the sale. A bull calf coming from the Elmer Dawdy herd in Kansas topped the sale going to Wallace Lindskoog for $3200. The calf was a maternal brother to the Elsie bull already owned by Lindskoog. Contending bidder was Buck Fawcett of Los Banos. The average of the sale was $551 for 68 animals. Top male being the Elmer Dawdy bull for $3200 and the top female consigned by Sequoia Ranch going to Sleepy Hollow Certified Milk Company for $1250. A new and enthusiastic breeder and buyer, Vad Jelton, was second high buyer taking 7 head for $4735. Mr. Jelton has a Ford agency in Oakland California. High buyer was Dr. Hill of Riverdale

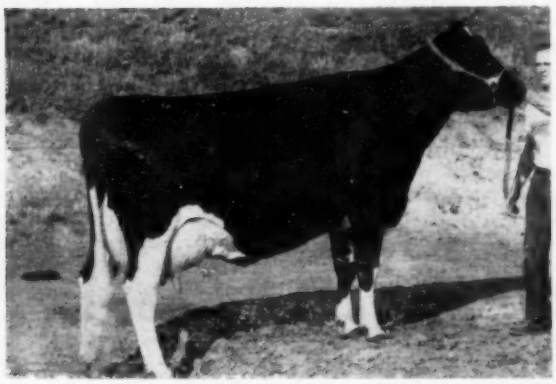
(Please turn to page 48)

Grand National Winners

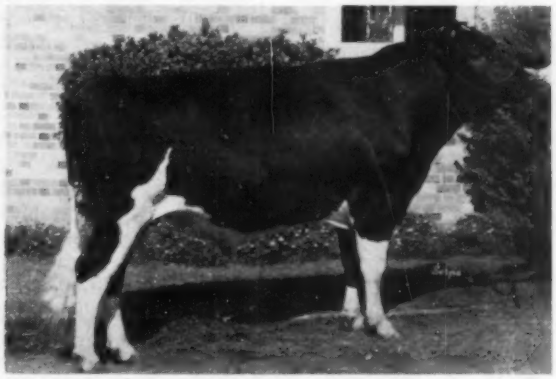
HALLROSE HAZEL PRIDE
First aged bull, senior and grand champion at 1956 Grand National Show. Carnation Milk Farms, Carnation, Wash.



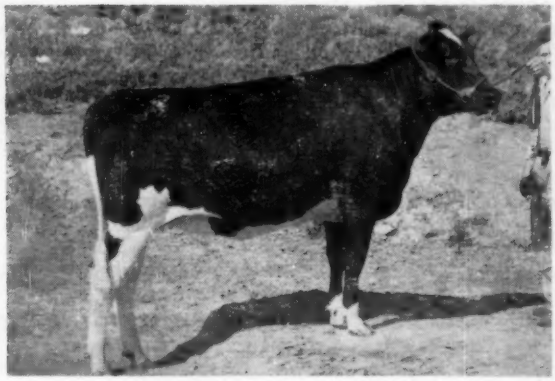
LAVACRES DELLA DUSTY JO
First prize four year old, senior and grand champion at the Grand National. Lavacre Holstein Farm, Modesto, Calif.



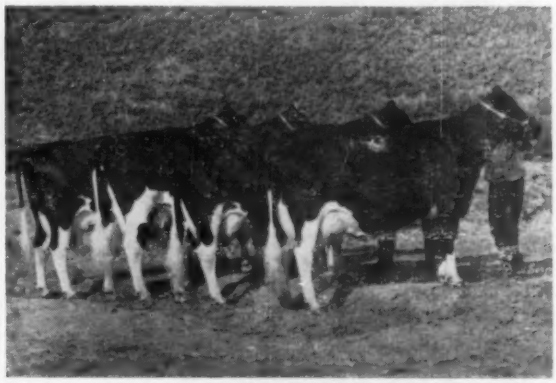
LAVACRES DELLA PEGGY
First prize aged cow and winner of best udder class, Grand National. Lavacre Holstein Farm, Modesto, Calif.



ARLINDA ELSIE TRUMPETER
First prize senior yearling bull and junior champion at the Grand National Show. Wallace Lindskoog, Turlock, Calif.



ARLINDA ELSIE DIANE
First senior yearling heifer and junior champion of the Grand National Show. Wallace Lindskoog, Turlock, Calif.



SR. GET OF LAVACRES DE KOL ORMSBY BLACKHAWK
First at the 1956 Grand National Show. Lavacre Holstein Farm, Modesto, Calif.

Hereditary Lethal Characters In Dairy Cattle

E. E. HEIZER, University of Wisconsin

Contributed by the Purebred Dairy Cattle Association

The purpose of this discussion is to illustrate and present in simple terms the hereditary lethal characters reported in dairy cattle. Lethal characters result in death of the embryo or fetus at various stages from early embryonic life to the period immediately following a normal gestation period and birth.

Developmental Abnormalities

Breeders often fail to recognize the differences between developmental abnormalities and defects of hereditary origin. No two animals of any species are exactly alike (identical twins, etc., excepted), and each will possess certain individual characteristics of size or form sufficient to identify it from others in the herd. When a calf is born which deviates markedly from recognized normal variation it is usually a source of concern to the dairyman. He is concerned with the immediate economic loss but even greater is his interest in knowing whether this loss may be repeated because of hereditary implications.

The general form of the body and its parts is established during the early weeks of embryonic development. Most congenital abnormalities date from that time. In the human family where accurate information on malformations is available, one newborn infant in approximately 165 births possesses a marked external or internal abnormality. Many anomalies are non-hereditary and may be characterized as folows:

a. **Failure in development** resulting in absence of limbs or organs. (Illustration three-legged calf)

b. **Arrested development** resulting in defects such as no anal opening, infantile reproductive tracts, etc.

c. **Excess development** resulting in exaggerated growth, number of limbs increased, etc. (Illustration six-legged calf)

d. **Misplacement of organs** such as viscera outside body and organs in abnormal locations.

Some of these abnormalities are so pronounced that vital organs are affected and the embryo dies early or before birth. It is believed that such abortions exceed the number of births of physically defective individuals The complex processes of cell multiplication, differentiation and growth are affected by many influences during the embryonic period. It is miraculous that the number of abnormal individuals is so small.

Hereditary Lethal Characters

The following discussion is limited to the **inherited abnormalities resulting in death of the fetus prior to or shortly following birth.** At the present time approximately thirty different death producing characters have been reported in one or more breeds of dairy cattle in different countries of the world. This article is primarily concerned with fourteen lethal characters reported in dairy cattle in the United States and Canada.

Breeders who are not familiar with the mechanism by which hereditary characters are transmitted from parents to offspring may wonder how an hereditary abnormality so severe that it results in death to an individual can be maintained generation after generation. Each individual results from the union of a sperm cell from the male parent and an egg cell or ovum from the female parent. These reproductive cells contain one of each pair of chromosomes found in the body cells of the parent. The heriditary determiners or genes are located on or in the chromosomes. In the case of cattle there are thirty pairs of chromosomes in the body cells of each individual. In the production of sperm cells or egg cells the number of chromosomes is reduced to one half the number in the body cells; thus the parents contribute equally in the transmission of hereditary characters to their offspring. Likewise, each parent transmits one half of its total inheritance to each offspring. It is possible for a calf to receive the same gene from each parent or it may receive a certain gene from one parent and another for a contrasting character from the other parent.

In the animal kingdom with few exceptions lethal genes are effective and produce death only when they are received from **both parents.** When a calf receives a gene for a lethal condition from one parent and the corresponding gene for the normal condition from the other parent, the normal or vital gene actually saves the life of the individual.

Recessive Lethals

Most lethal characters result from genes that have no effect when the gene is received from only one parent. However, when the gene is received from both parents the calf exhibits abnormal development and death results prior to or shortly following birth. Such characters are known as recessive lethals. Since practically all lethal characters in farm livestock result from the action of recessive genes, this type of inheritance will be explained in some detail. The production of **one calf exhibiting any of the characteristics identified** with known recessive lethals establishes both the sire and dam as carriers of the gene for the defect. Each of the known lethal conditions results from specific genes and it is possible for an animal to carry and transmit a number of lethal

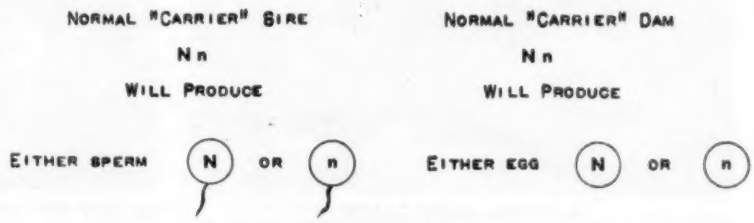


FIGURE ONE

SPERM	EGGS	
	N	n
N	NN NORMAL (NON-CARRIER)	Nn NORMAL (CARRIER)
n	Nn NORMAL (CARRIER)	nn (LETHAL)

FIGURE TWO

genes at the same time. In the following illustration n represents a gene for a specific lethal condition. N represents the gene for the normal concondition. (See Figure One) Such sperms and eggs produced by animals carrying recessive genes for lethal characters will combine **by chance** in the following combinations. (see Figure Two).

On the average one out of every four such matings will result in a calf pure for the lethal gene while 3 calves will be normal. However, two of the normal calves will be "carriers" like the parents while one will be pure for the normal condition. In most cases where lethal genes have been identified they have been associated with inbreeding or close linebreeding programs where the same ancestor appears on both sides of the pedigree. Breeders often blame the appearance of a lethal condition on inbreeding. It must be pointed out that **inbreeding is not responsible** for the presence of lethal genes in livestock. However, the use of a "carrier" sire on related and possibly "carrier" females permits combinations of recessive genes that otherwise might not be identified for many generations. Inbreeding will be our most useful tool in exposing and eliminating undesirable genes from our livestock. Through a testing program of sire-to-daughter matings we can prove sires for presence or absence of lethal and other undesirable defects just as we now prove sires for production or type.

Lethal Characters Identified in Dairy Breeds in the United States

1. **Bulldog 1**

This was the first lethal malformation described in cattle. The name comes from the similarity in head conformation with that of a bulldog. The calves are usually aborted from the 4th to 8th month of pregnancy. They have a bulging forehead, depressed nose, undershot jaw and extremely short limbs.

Inheritance: This condition is caused by a dominant gene with at least two effects. One of these is dominant or incompletely dominant and results in shortening the legs. The other effect is recessive and produces this extreme form of "bulldog" calves. An animal which inherits this gene from one of its parents is short legged. If it inherits this gene from both parents it is the defective bulldog calf which dies at or before birth.

2. **Bulldog 2**

Bulldog calf, bulging forehead, depressed nose, undershot lower jaw, short neck and legs. Less extreme than Bulldog 1.

Inheritance: **Recessive Lethal**. NN-normal, Nn-normal (carrier), nn bulldog lethal.

3. **Bulldog 3**

Less extreme than Bulldog 2.

Inheritance: **Recessive Lethal**

4. **Andy Gump Calves**

Lower jaw very rudimentary or completely absent.

Inheritance: **Recessive Lethal.**

5. **Impacted Molar Teeth**

Lower jaw short and narrow giving a "parrot jaw" effect. Lower jaw fractured as a result of the impacted condition of premolar teeth.

Inheritance: **Recessive Lethal**

6. **Imperfect Skin**

Defective formation of skin below the knees and hocks and around the eyes and muzzle. Also affected is the mucous membrane of the nostrils, tongue and lining of the mouth. Calves are carried full term; are normal in size. They usually die within a few days as a result of infection.

Inheritance: **Recessive Lethal**

7. **Hairless**

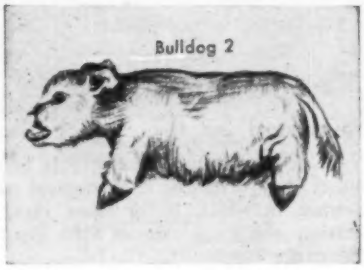
No hair is found on the body except on the muzzle, eyelids, ears, pasterns and the end of the tail. Calves are born alive but die quickly because of inadequate heat regulation.

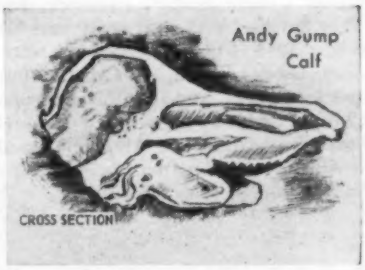
Inheritance: **Recessive Lethal**

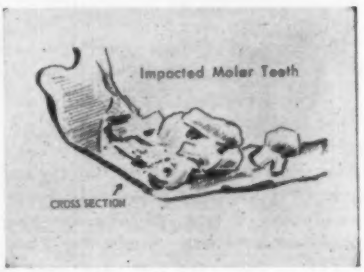
8. **Congenital Dropsy (Accumulation of fluid)**

Calves can be identified by the accumulation of water in the subcutaneous tissues in the head and

(Please turn to page 22)







EDITORIAL

Next Issue: All-American Nominations

With the Arizona State Fair, the Grand National in San Francisco, and the Royal Winter Fair in Toronto concluded, another great Holstein show season is ended. All that remains are the curtain calls for the star members of the cast, the All-American bouquets for the top performers in each respective class.

The All-American Nominating Committee has completed its challenging task of selecting from the pictures of hundreds of 1956 show winners, the 84 entries which in their expert opinion represent the six best in each of the 14 classes. These nominated animals will be presented for the inspection of our readers in our next issue—December 15.

From this group our panel of 22 judges will select by their independent votes the All-American, Reserve All-American and Honorable Mention winners.

Once again our readers will be offered the opportunity of participating in the annual All-American Judging Contest in which 50 or more cash prizes are offered, starting with a top prize of $100. Here is Holiday fun for the entire family.

The Junior All-American Nominations have also been made by the same committee which selected the classes for the senior event. There being no judging contest in connection with the Junior All-American selections, these nominations have been submitted directly to the All-American judges panel, and the completed awards will be announced in our issue of January 5. The Holstein-Friesian Association of America will award a certificate of achievement to the owner of each nominated animal.

The complete report of the All-American Awards will appear in our issue of January 19. The All-American Judging Contest will be reported as soon after that as we can complete the task of marking the several thousand ballots received.

This is a schedule of features in which we take considerable pride. The All-American idea, inspired by Walter Camp's football selections, had its start in 1922. They have been selected every year since, with the exception of 1943-44-45, when no shows were held. The idea has since been adopted in Canada (for Canada Holsteins breeders only), and by the American Guernsey Cattle Club. A growing number of state Holstein associations have also adapted the All-American idea to the selection of All-State winners from their county fair, Black & White Show and State Fair circuits. The WORLD All-Americans have come to be regarded as the "World Series" of the U. S. Holstein Show Ring.

Breed for Type — Feed for Production

A prominent feed manufacturer has come up with this excellent slogan. It appeals to us as sound advice for any dairyman, and particularly for the purebred breeder, whose success depends upon having both type and production at levels far above the average of his breed.

The great issue in the dairy cattle industry has long been that of type vs production, as to which should receive the greater emphasis in selecting for the breeding program. For our part, we observe that the same men who have bred the most popular strains of Holsteins from the standpoint of type, are also the breeders of our greatest yearly and lifetime producers. They were breeding for TYPE . . . the type that experience has proven goes hand in hand with high lifetime production. The phenomenal progress our breed has made, production-wise, is proof of the wisdom of selection for type.

The present generation of Holstein breeders owes a great debt of gratitude to the wise men whose insight into this basic problem produced for us the True Type model, nearly 35 years ago. This committee of nine, under the chairmanship of W. S. Moscrip, included the leading judges and breeders of that day: Fred Pabst, Ward Stevens, Axel Hansen, R. E. Haeger, Dean H. H. Kildee, A. C. Oosterhuis, Thomas E. Elder, and W. H. Standish. Their True Type models, and the score cards which describe them, have made a greater contribution to the improvement of the breed in its genetic ability to PRODUCE than any other single thing, for they set the standards of Holstein type which have helped men breed higher producing cattle.

Perhaps the most timely illustrations of our point are the two new National Champion producers gracing the covers of the **World** for this issue and the next one to come. Both are classified Excellent. It is easy to tell from the array of show winnings and Excellent, Very Good and Good Plus maternal and paternal ancestors of each that they were bred with **type** in mind. Sire proofs played no part in their selection, their sires being two and three years of age respectively when they were born.

If you would belong to the select circle of successful Holstein breeders, you must breed for type and feed for production.

Good Record Keeping is Essential

Inadequate record-keeping prevents many Holstein breeders from enjoying the privileges of Association membership. More than 50 applications for membership are currently side-tracked at Brattleboro because the herd records of the breeders involved do not measure up to necessary standards.

The By-Laws specifically require all persons registering cattle in the Herd Book to keep the following records on all service age females: 1) Complete and consecutive record showing date of service or insemination; 2) Name and registration number of animal served or inseminated; 3) Name of sire used; 4) Date of calving; 5) Sex and identification of offspring.

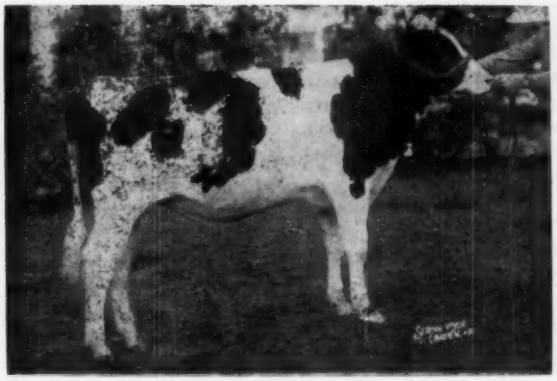
Obviously, this does not require a complex record-keeping system. Your DHIA book, however, does not fully satisfy these requirements, particularly in regard to service and breeding dates. A separate book designed to handle these five basic records (plus as many others as desired), maintained accurately and up-to-date, is what is intended in the by-law.

While the herd registers available from the **World** are approved by the Association as excellent examples of good and simple record-keeping systems, these books are not mandatory. The only required records are the five which are listed above, and they may be kept in any kind of record book you prefer.

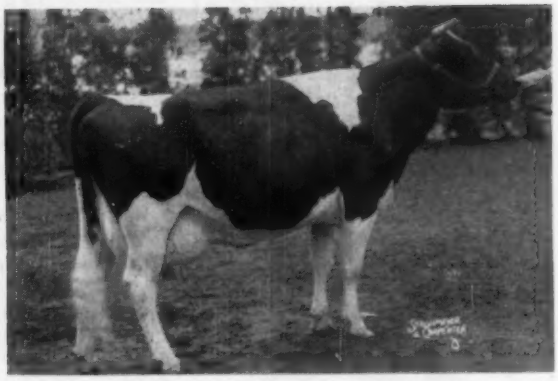
One out of six applications for registry and transfer sent to Association headquarters must be returned for correction. Errors cause inconvenience and extra expense. Almost invariably they can be avoided by consulting a good set of records when filling out application forms, writing pedigrees, making sale or show entries, etc.

The old slogan, "good records are good business" is as true today as ever, and particularly so in our industry, where accuracy is of such vital importance.

Some 1956 Show Winners

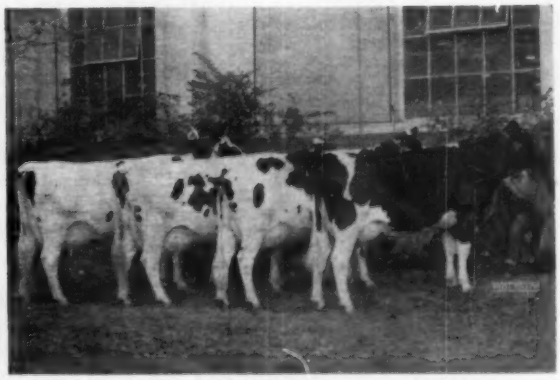


FORSGATE HUNTER ALCARTRA 1271164
First prize bull calf and junior champion at Eastern States Exposition. Freebaer Farms, Fort Plain, N. Y.



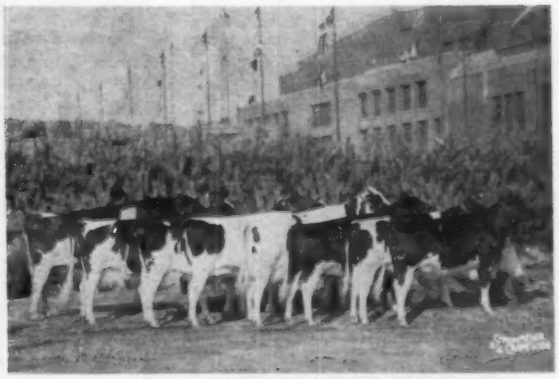
FREEBAER SNOWDEN SALLY 3408497
First prize 4-year-old at Eastern States Exposition. Freebaer Farms, Fort Plain, New York.

GET OF A B C PALMYRA SOVEREIGN R
2nd prize get of sire at Michigan State Fair and Wisconsin State Fair, 3rd at Waterloo for Archambault Farms, Woodworth, Wis.

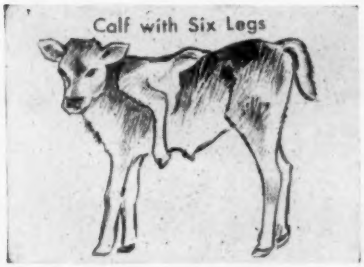


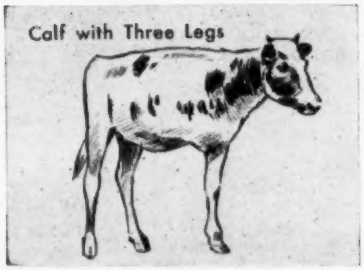
FIRST PRIZE DAIRY HERD AT MICHIGAN
A great quartet shown by Archambault Farms, Woodworth, Wis.

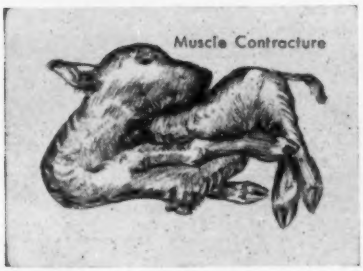
GET OF WEBER HAZELWOOD BURKE RAVEN
First at Wisconsin and Ohio, second at Indiana, 4th at Waterloo for Pabst Farms, Oconomowoc, Wis., and St. Croix Co. Asylum, New Richmond, Wis.



WISCONSIN'S FIRST PRIZE STATE HERD
This is the group which won first prize at the International Dairy Show in Chicago. Wisconsin breeders also won this class at Waterloo.







(Continued from page 19)

neck region and in the thoracic and abdominal cavities. Calves are born at term or 1 or 2 months prematurely and are up to 2 or 3 times normal weight. They are stillborn or die at or soon after birth.

Inheritance: **Recessive Lethal**

9. **Mummification**

Calves die or are aborted at approximately the 8th month of gestation, have short necks, stiff legs and prominent joints.

Inheritance: **Recessive Lethal**

10. **Muscle Contracture**

Has the appearance of contracted muscles because of stiffness in fore and rear legs, joints and the neck. Head is drawn up toward the back, the neck is rigid and fore and hind limbs are folded toward the body making birth difficult or impossible.

Inheritance: **Recessive Lethal**

11. **Prolonged Gestation!**

Calves are carried 3 to 12 weeks beyond normal term, weigh 120 to 167 pounds and must in many cases be delivered by Caesarean operation. They are dead at birth or die within a few hours. Dams make no preparation for calving and exhibit marked deficiency in udder development at normal term.

Inheritance: **Recessive Lethal**

12. **Prolonged Gestation II**

Calves are carried up to 500 days. Dams show little if any development. Labor induced by death of fetus is extremely weak. Calves show immature bone development, various degrees of hairlessness, and lack of thyroid development. Most striking defect in calves is the lack of a pituitary gland.

Inheritance: **Recessive Lethal**

13. **Congenital Spasm**

Calves born exhibiting spasms of head and neck in which movement is vertical and intermittent. Calves die shortly after birth.

Inheritance: **Recessive Lethal**

14. **Paralyzed Hindquarters**

Calves cannot stand at birth and usually die within two or three weeks.

Inheritance: **Recessive Lethal**

Lethal Characters Reported in Dairy Cattle of Other Countries

1. **Amputated**

Forelegs terminate at the elbow and hind legs at the hock joint. Upper jaw is atrophied and lower jaw is almost absent. Cleft palate also occurs. Calves are stillborn or die at birth.

Inheritance: **Recessive Lethal**

2. **Fused Lower Jaw**

Lower jaw is shortened and fused at joints. Cleft palate is associated.

Inheritance: **Recessive Lethal**

3. **Short Spine**

Ribs and vertebra are fused resulting in shortening of spinal column. Calves are stillborn or die within few hours of birth.

Inheritance: **Recessive Lethal**

4. **Missing Phalanges**

Calves cannot stand as bones in pastern region are missing.

Inheritance: **Recessive Lethal**

5. **Abnormal Skin**

Calves are born alive but die in a short time. Skin is thick and covered with horny scales.

Inheritance: **Recessive Lethal**

6. **Buffalo Calves**

Calves resemble buffalo because of reduced number of vertebra and the elongation of spinal processes. Delivery is difficult or impossible and calf must be taken by Caesarean section in many cases.

Inheritance: **Recessive Lethal**

Control and Elimination of Lethal and Undesirable Characters in American Dairy Herds

The control of lethal and other undesirable genes and their elimination from our breeding herds is a matter of concern for breeders, breed organizations, artificial breeding associations and breeding specialists. To accomplish these objectives we will need close cooperation between breeders, breed and breeding organizations and educational agencies. The following program is suggested as a means of identification and elimination of lethal and other undesirable genes from American dairy cattle.

1. **Identification**

It is hoped that this and other articles on lethal and other undesirable genes in dairy cattle will help breeders to identify the presence of such genes in their herds. When a defective calf is born in a herd the breeder should contact his county agricultural agent, breeding specialist at his state University or breed association fieldman for assistance in identification of the defect. Specimen calves should be made available for analysis by breeding specialists. He should notify the secretary of his breed association giving complete identification of the sire and dam and a complete description of the defect. If the calf is sired by a sire in an artificial breeding organization the management of the organization should be notified. The appearance of a single defective calf will not necessarily indicate the presence of a lethal gene. Usually such an individual will represent a developmental or non-hereditary type of abnormality. The appearance of additional defec-

tive calves showing the same physical characteristics, however, is evidence that the condition might be hereditary and is probably the result of recessive lethal genes transmitted by "carrier" animals in the herd.

2. **Control Program in Breeders Herd**

When presence of a recessive lethal gene is definitely established **the sire transmitting the character should be slaughtered since one half of his offspring are carriers even though they appear normal in every respect.** The daughters of the sire transmitting the gene and cows that produced defective calves can be used as test animals for the next sire introduced into the herd. The next sire can also be mated to his first crop of daughters to determine presence or absence of lethal genes. **Control and eventual elimination of lethal and undesirable recessive genes depends on use of bulls proved free from such characters by breeding tests.**

3. **Breed Association Participation in Programs for Control of Undesirable Characters**

Breeders should be encouraged to report birth of defective calves and a special file should be established for such information.

Breed associations could also establish sire proving and recognition programs designed to encourage proving of sires by sire-daughter matings to establish presence or absence of undesirable characters. Outstanding sires proved free from undesirable recessive genes should be appropriately recognized in a class beyond that of present programs.

4. **Artificial Breeding Association Responsibility and Participation in Programs for Elimination of Undesirable Characters.**

The artificial breeding program was organized primarily to make more effective use of sires proved desirable for production and type. Its rapid growth and present patronage by America's dairymen is evidence of their confidence in its contribution to their present and future herd improvement programs. The present sires in use in this program represent a cross section of their breeds as far as undesirable genes are concerned. While their excellence in transmitting desirable production and type may be well established by the usual proving methods, in most cases little is known regarding the presence of recessive genes for lethal or other undesirable characters. When we consider the fact that sires in this program are bred to an average of 2,300 cows annually and individual sires are breeding up to 15,000 or more cows in a single year, we must realize the necessity of developing testing programs to adequately protect our herds from widespread dissemination of undesirable genes by "carrier" sires in artificial breeding associations.

Artificial breeding associations should establish record keeping systems which will permit systematic proving of sires for presence or absence of undesirable recessive genes. Twenty to thirty sire-daughter matings would be sufficient to warrant some sort of special recognition of sires proved free of such genes. Such a program would require special arrangements between the association and participating breeders to insure adequate and accurate records of calves born to such matings. In some cases large associations might employ breeding specialists to supervise the program. It is possible that the costs of this additional testing procedure could be offset by increased service fees for sires proved free of undesirable genes. When we consider the fact that a sire carrying a **single recessive lethal or undesirable gene will transmit it to one half of his offspring** we must realize the need to plan now for programs that will identify, control and eventually reduce the incidence of such genes to an absolute minimum.

Educational and research institutions may render valuable assistance to the effective control of undesirable and lethal genes in livestock. Publication of information on the incidence and inheritance of such characters would be helpful. Research and breeding tests to establish the mode of inheritance of new genes is highly desirable. Specialists can also render direct assistance to breeders confronted with problems associated with their breeding programs.

In this article we have attempted to describe the known hereditary lethal genes in dairy cattle. Some measures for control and elimination are suggested. Their success will require close cooperation between breeders, breed associations, artificial breeding organizations and educational agencies.

Fairfield Engineering Company, Fairfield, Ia., has a new farm water tank on the market. Drinking troughs are of fiber glass which will not rust nor rot. An advanced type of radiant heating insures more economical operation in cold climates. Spring operated lids keep dirt out and heat in. This represents one of the first uses of fiber glass in any type of farm equipment. Details from the company.

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COWPHILOSOPHY

By Mark H. Keeney

Still high on the "Best Seller" list of books for dairymen. It was written for the dairyman, by a master dairyman, about successful methods of breeding and managing dairy cattle.

First published in 1940, COWPHILOSOPHY was revised in 1944 and is now in its 5th printing. It makes just as much plain cow sense today as the day it was written.

It is a MUST for the dairyman's library.

Price $3.00 per copy

Order from

Holstein-Friesian World

Laconia New York

Our Herd is the Result of Several Generations of Plus Proven Sires

— REMEMBER —

We have used Proven Sires since the Herd was started. Each Generation is an improvement.

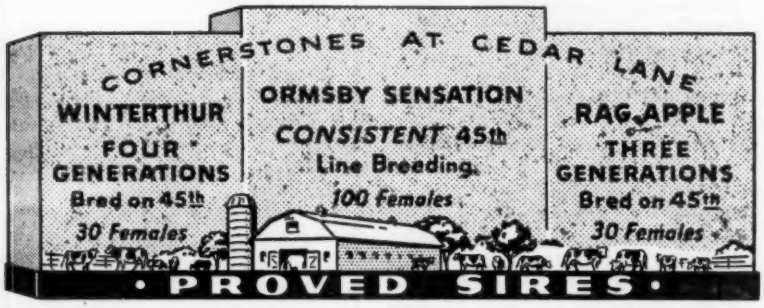
Our Herd Average in 1955
12,259 milk - 483.8 fat - 72 cows 2X

Also
Two Class Leaders in the same Year for New Jersey

Visit

CEDAR LANE FARM

J. S. JOHNSON, Owner Oldwick, N. J. LEON SNYDER, Mgr.



Need Top Heifers?

We can spare a few very nice, well-bred heifers, recently bred to our outstanding proven sires. Reasonable prices. Would like to move them before January 1.

"Magician" Daughter Tops International Sale

EILLOC REGAL MAGICIAN
Top animal in the International Holstein Sale in Chicago at $2,000. She was third prize 2-year-old at the International Dairy Show, for Archambault Farms in Wisconsin.

Frozen Semen
from
ROSAFE MAGICIAN
Now Available

Write Us
At Our Address Below
For Details

ROSAFE MAGICIAN
VG at 3y — Gold Medal — RSR
Our son of A B C Reflection Sovereign out of Glenvue Nettie Jemima (EX). Maternal brother to Rosafe Centurion (EX), sire of the junior champion and first prize junior get at the Royal Winter Fair for the second consecutive year. The "Magician" offspring are winning as much popularity out here on the west coast as the Centurions are winning in the east! Write today for his pedigree and frozen semen service information.

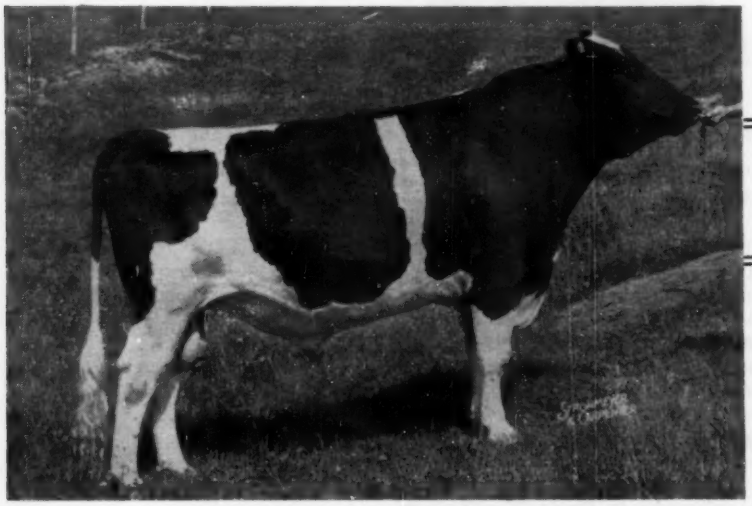
Our "Magician" daughter in the Grand National Sale was sold for $1000. She placed 8th in her class at the Grand National Show. The top heifer in the sale ($1250) was carrying calf by "Magician." You should see our barnful of "Magician" daughters! Visitors are amazed at their uniformity.

Remember — Uniformity means Prepotency!

MIDLAND HOLSTEIN FARM

Phone: (Modesto, Calif.) Kellog 7-0549

RUSSELL GRAHAM, Mgr. — Rt. 2, Box 260, Ceres, California



Dawnvale Sovereign Arab 1213698

Our son of Winterthur Victor Select Arab (VG-SMP) and thus a paternal brother to the wonderful high-producing "Arab" daughters in our herd. His dam is an "Excellent" daughter of Montvic Rag Apple Sovereign (EX-Extra) with 1022 lbs. fat on 2X at 10 years of age.

Our Junior Sire

RESERVE
ALL-NEW YORK
2-YEAR-OLD BULL
1956

He was second prize at the New York State Fair, 1956; Res. All-State Senior Yearling, 1955.

He intensifies the "Arab" and "Sovereign" blood already in our herd.

SISSON FARMS

Cert.
Vaec.
Aec.

HOWARD SISSON
Sherburne, New York

Senior Herd Sire:
C RANCH CRESCENT
G R NIXON

Junior Herd Sire:
CARNATION MADCAP
MAGISTRATE

Our Milking Daughters

of Sutten Oaks Var Monty are really producing. (This is the sire that we unfortunately lost a year ago).

We have seven daughters with completed lactations; at average age of 2y2m their production average for 314 days is

Milk - 14,777 - Fat - 626

The oldest one in 255 days, with second calf, has **738 F. and 16,770 M.**

In the herd sire issue last August, we mentioned the new record of the maternal sister to this sire, Adohr Perfection Claremont, with 922 F. 4.2% 3X 2y7m which gives her second place on the national list.

The "Nixon" bull is a son of Crescent Beauty Gold Rush, his dam 3,266 F. in her first 7 lactations. "Magistrate" is our Butter Boy son from an O'Boy daughter of the 1314-lb. Carn. Madcap Homestead Daisy. "Magistrate's" dam has a great record in progress now at Carnation.

Naches
Holstein Farm
CLAYTON F. ALLARD
Yakima, Route 8, Washington

PEOPLE

C. L. Cole has been appointed head of the dairy department at University of Minnesota, to succeed J. B. Fitch, who retired June 30. Cole, a native of Lowell, Michigan and former member of the Michigan State faculty, has been serving as superintendent of the University of Minnesota's North Central School of Agriculture and Experiment Station at Grand Rapids, Minn. Taking over his duties there will be William Matalamaki. J. B. Fitch had headed the University dairy department for 21 years.

Allen Johnson, Turlock, Calif., who sold his fine Pacific Slope herd to Dr. Harold Schmidt earlier in the year, writes us that he has recently completed the purchase of Patchetts Motor Company in Newman, Calif. This is the oldest Ford-Mercury agency in the San Joaquin Valley. It has been in business since 1911. In spite of being engaged in completing final negotiations for this purchase, Allen found time to send us the report of the Grand National Show and the California Breeders' Sale which appear elsewhere in this issue. We wish him well in his new undertaking.

Mrs. Gertrude R. Mallary, Mallary Farms, Bradford, Vt., was a successful candidate for the State Senate on the Republican ticket. It is not particularly unusual for Republicans to get elected to office in the great state of Vermont, but Mrs. Mallary's Holstein friends will be greatly pleased to learn that she ran well ahead of the state ticket. Mrs. Mallary has been serving several terms in the Vermont Assembly and has now stepped up into the higher chamber.

CYRIL E. MOORE

MOORE TO JOIN OHIO ASSN. STAFF

With the impending retirement of I. D. Hadley as Field Secretary of the Ohio Holstein-Friesian Association, this group has been on a quiet hunt for the right man to work with George Nichols after January 1, 1957. They now announce the appointment to this position of Cyril E. Moore of Wooster, O. An Ohio native and graduate of Ohio State University, he has been teaching vocational agriculture, both before and after five years' service in World War II where he was an administrative interning officer, at the close of the war holding the rank of Lieutenant Colonel. He is married and has a son and three daughters.

J. F. CAVANAUGH NAMED AJCC SECRETARY

James F. Cavanaugh was appointed Executive Secretary of the American Jersey Cattle Club by the Board of Directors at a special session on October 20. Assistant Secretary since December 1, 1947, Mr. Cavanaugh fills the position held by Floyd Johnston, who was killed in an automobile accident September 27th. Cavanaugh's experience with the club and his wide acquaintanceship in all breeds fits him well for his new position.

Before coming with the Jersey breed organization he was associate editor of Hoard's Dairyman where his service was interrupted by service in the Air Force, in which he held the rank of Major. He is a native of Kansas and a graduate of Kansas State College. We wish him well in his new responsibilities.

OBITUARY

CHARLES E. TOMPKINS

Charles E. Tompkins, 67, died November 15 in St. Joseph's Hospital, Syracuse, where he had been a patient one week. He had suffered a stroke and been in somewhat poor health for the past two years. His main business for the past twenty years has been as President of J. R. Clancy Company, leading manufacturers of theatre equipment, but he took great interest in his farm and Volbloed Holstein herd at Brewerton. He had lived on the farm since 1947. Prior to his connection with the Clancy Company, he had been employed by the New York Central Railroad and later was Eastern Sales Branch manager of Western Cartridge Company. He was an outstanding marksman and often gave rifle demonstrations. He was an active Mason. Surviving are his wife and mother.

The Paternal Side of Our Senior Herd Sire

WOOLMASTER'S GREAT SIRE

Redstone Woolmaster

OUR SON OF

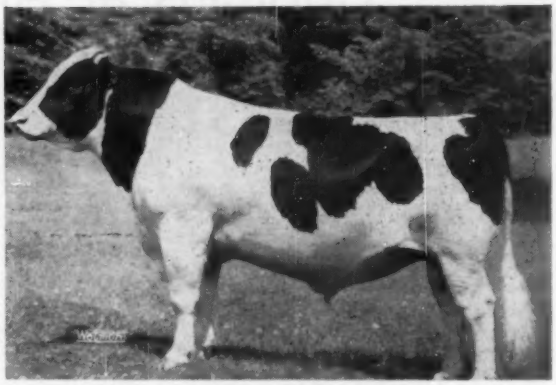
Dunloggin Mistress Papoose (VG)

His Sire →

Dunloggin Lochinvar Prince

His daughters and granddaughters hold more National Championships, second places and third places for milk and fat than any other sire of the breed on 3X.

His transmitting ability is through both his sons and daughters.



DUNLOGGIN LOCHINVAR PRINCE
Excellent - Gold Medal
He has well over 100 A R daughters that average 4%.

Prince is a son of Montvic Lochinvar out of the famous Dunloggin Woodmaster daughter, Dunloggin Mistress La Princess (EX) with 27,478 milk and 1047 fat. A maternal sister to Prince is Dunloggin Golden Princess (EX) with 24,642 milk and 1046 fat. This is one of the top families of the breed and combined with Dunloggin Mistress Papoose it has produced Redstone Woolmaster.

Choice bred heifers, calves and bulls for sale.

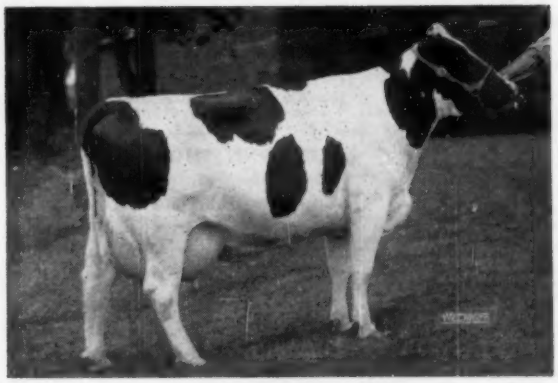
JOHN A. JOHNSTON
Mgr.

CLAYTON FARMS Inc.
New Marlborough, Mass.
P. O. Address: SSR Canaan, Conn.

GEORGE STOCKWELL
Herdsman

Acc. - Cert. - Vacc. - (Home of the Redstones)

Master's Oldest Daughter - -



WILKIE LAUXMONT SUPREME

←

2y	11,905	4.5	545
3y	14,522	4.4	643

Now fresh as a 4yr-old, she is even going at a stronger clip. Supreme, bred owned and developed by Howard Wilkie, Milan, Michigan, is an example of what the Masters are doing in other herds. Mr. Wilke has shown her and has won the best udder class with her at his county show.

Wilkie Lauxmont Supreme is the oldest daughter of BUDD FARM LAUXMONT MASTER, the senior herd sire, owned jointly by Budd Farm and Greenwood Farms. He is a son of the great Erindale Lady Lauxmont — 12-1 3X 365d 33,343 milk, 4.1% 1362 fat — and a great consecutive list of records that total over 200,000 lbs. milk. She is a daughter of Lauxmont Admiral Ideal, a son of Colantha Della Mooie Pietertje. Master's sire is the last born son of Colantha Della Mooie Pietertje, giving him a constructive linebred pedigree.

Keep Your Eye on the "Masters"

BUDD FARM
42510 Willow Run Expressway
JACK R. BUDD — BELLEVILLE, MICHIGAN

◆

GREENWOOD FARMS
accredited — certified
MR. AND MRS. J. O. CANBY, Owners
LANGHORNE — PENNSYLVANIA

Holsteins at Arizona State Fair

Phoenix, Arizona, November 4, Judge H. A. Herman, Columbia, Mo.

Cattle numbers were down this year but the ringside consensus was that this was made up in quality. Judge Herman was impressed not only by the quality, but also with the fine sportsmanship of the exhibitors. All were local except the Pellissier herd from Whittier, Calif., the show herd being in charge of Bob Schroeder. There were 32 bulls and 95 females in the show. Warren Kurtz did his usual excellent job as dairy superintendent.

Pellissier Dairy won both Premier awards. The Arizona breeders, however, were able to retain all of the championships. Grand Champion Bull was the winning Aged Bull, Haigertlee De Kol Hope, a son of Spring Farm Fond Hope exhibited by James Bond. Bond also had the Reserve Championship on his winning two-year-old, Hickory Creek Genius and Junior Championship on his winning senior yearling, Desert View Commander Ron. Arizona State College had two winners in the bull classes, while Pellissier won in the junior yearlings.

Cheatham Dairy, Phoenix, had both the Grand and Reserve Champion females. The Grand Champion was their winning Aged Cow, Dora Mt. Baker View Perfection; and the Reserve was their winning three-year-old, Kil-Bar Re Aurora. The Junior Champion of the show was Forsgate Supreme Dixie Burke, purchased in the Forsgate Dispersal (June 1955) by Larry Johnsen, a 4-H member from Phoenix. The heifer was not only Junior Champion in the open show but Junior and Grand Champion in the 4-H Show. She is a daughter of Smithland Supreme Champion and from Dix Burke Dixie. You would expect something very choice from that mating.

Mr. and Mrs. Alfred Stump, Phoenix, who sold their milking herd last summer to Archambault Farms of Wisconsin, evidently have a fine nucleus for a new herd coming along as they won first prize in the two-year-old class, the senior yearling and junior heifer calf classes. They also purchased on the day of the show the winning four-year-old exhibited by Carl Morris.

For the information on the show we are indebted to K. O. Butler, Phoenix, Ariz., Secretary of the Arizona Holstein Association.

Bull Calf:
1. A.S.C. Supreme Fifi, A.S.C.; 2. Eilloc Follow On, Mr. and Mrs. Alfred Stump; 3. Pansco Loyal Leader, F. F. Pellissier; 4. Pansco Leader, F. F. Pellissier; 5. Dee Ann Fobes Echo, Cheatham Dairy; 6. Edendale Audie Hope, Elizabeth Homrighausen.

Bull 6 mos. under 1 yr.
1. A.S.C. Earl Supreme Vale, A.S.C.; 2. Eilloc Rag Apple Prince, Mr. and Mrs. Alfred Stump; 3. Vickery Vale Fobes King Jule, Indian Bend Dairy; 4. Indian Bend Admiral Warrior, Indian Bend Dairy; 5. Dee Ann Ideal Echo Cheatham Dairy; 6. Gila Roamer Raven King, John T. Hayden.

Junior Yearling Bull
1. Pansco Five Fortune, F. F. Pellissier; 2. Pansco Fortune 2nd, F. F. Pellissier; 3. Odlaw Bold E. Rob, Alta E. Butler & Son; 4. Eilloc King-Pin, Mr. and Mrs. Alfred Stump; 5. Dee Ann Regent Seven, Cheatham Dairy; 6. Pudget Sound Design, Alta E. Butler & Son.

Senior Yearling Bull
1. Desert View Commander Ron, James Bond; 2. Pansco For Loyal, F. F. Pellissier; 3. Dee Ann Black Pontiac, Gene Musselman; 4. Edendale Jess Sovereign, Homrighausen.

Two-Year-Old Bull
1. Hickory Creek Genius, James Bond; 2. Pansco Ruby Fortune, F. F. Pellissier; 3. Pansco Secone Burke, F. F. Pellissier.

Aged Bull
1. Haigertlee De Kol Hope, James Bond; 2. Edendale Fond Jewel Trademark, E. Homrighausen.

Junior Champion Bull
Desert View Commander Par, James Bond.

Senior & Grand Champion Bull
Haigertlee De Kol Hope, James Bond

Reserve Champion Bull
Hickory Creek Genius, James Bond.

Jr. Heifer Calf
1. Eilloc Clover Fay Tensen, Mr. and Mrs. Alfred Stump; 2. Desert View Hope Sylvia, James Bond; 3. Pansco Oak Leader, F. F. Pellissier; 4. A.S.C. Davitie Lass, A.S.C.; 5. Desert View Genius Arlinda, James Bond; 6. A.S.C. Danaide Koba, A.S.C.

Heifer Calf
1. Reltub Rainier Paula, Alta E. Butler & Son; 2. Indian Bend Bolivar Sevyn, Indian Bend Dairy; 3. Pansco Sen Carlene, F. F. Pellissier; 4. Eilloc Clover Fay Joy, Mr. and Mrs. Alfred Stump; 5. KOB Bracer Model, Dick Powell; 6. A.S.C. Davoline Jule Koba, A.S.C.

Junior Yearling Heifer
1. Forsgate Supreme Dixie Burke, Larry Johnsen; 2. Eilloc Clover Fay Dixie Too, Mr. and Mrs. Alfred Stump; 3. Eilloc Clover Fay Papoose, Mr. and Mrs. Alfred Stump; 4. Desert View Hope Jan, James Bond; 5. Pansco Lota Fortune, F. F. Pellissier; 6. A.S.C. Canicky Model, A.S.C.

Senior Yearling Heifer
1. Eilloc Clover Fay Regalia, Mr. and Mrs. Alfred Stump; 2. Eilloc Clover Fay Charity, Mr. and Mrs. Alfred Stump; 3. Pansco Burke Amethyst, F. F. Pellissier; 4. Reltub Triune Bonita, Alta E. Butler & Son; 5. Pansco H. Burke Pledge, F. F. Pellissier; 6. Dee Ann King Pearl, Cheatham Dairy

Two-Year-Old Heifer
1. Clover Deborah Ann, Mr. and Mrs. Alfred Stump; 2. Far Hills Lucky Susan, Cheatham Dairy; 3. Pansco Flora Burke, F. F. Pellissier; 4. Grebregga A. L. Netherland Q. Elizabeth Hemrighausen; 5. Lassie Edendale Sprucehaven, Elizabeth Homrighausen; 6. Reltub Neptune Priscilla, Dayne Adams.

Three-Year-Old Heifer
1. Kil-Bar Re Aurora, Cheatham Dairy; 2. Ormsby Curtiss Flossie, Cheatham Dairy; 3. Ormsby Wayne Ideal, James Bond; 4. Pansco Fortune Lanette, F. F. Pellissier; 5. Granvelholm Sovereign Pearl, Mr. and Mrs. Alfred Stump; 6. Eilloc Burke Ormsby Gaylark, Elizabeth Homrighausen.

Four-Year-Old Heifer
1. Hideaway Proctor, Carl Morris; 2. Pansco Zelbel Rose, F. F. Pellissier; 3. Ormsby Lynn Belle Oliver, James Bond; 4. Maur-Lind Piebe Lucky Lana, Alta E. Butler & Son; 5. Dee Ann Pearl, Cheatham Dairy; 6. Sutten Oaks Silvery Var, F. F. Pellissier.

Five-Year-Old Heifer
1. Dora Mt. Baker View Perfection, Cheatham Dairy; 2. Oaklen Gold Dust Var, James Bond; 3. Pansco Burke Loyal, F. F. Pellissier; 4. Oaklen Greyrock Sovereign, Mr. and Mrs. Alfred Stump; 5. Governess Pinecrest Pabst, Carl Morris; 6. Pansco Ruby Burke, F. F. Pellissier.

Junior Champion Female
Forsgate Supreme Dixie Burke, Larry Johnsen.

Senior & Grand Champion Female
Dora Mt. Baker View Perfection, Cheatham Dairy.

Reserve Champion Female
Kil-Bar Re Aurora, Cheatham Dairy

Yearling Herd
Mr. & Mrs. Alfred Stump; 2. Alta E. Butler & Son; 3. F. F. Pellissier; 4. F. F. Pellissier; 5. Mr. and Mrs. Alfred Stump; 6. Cheatham Dairy.

Calf Herd
1. Mr. and Mrs. Alfred Stump; 2. Indian Bend Dairy; 3. F. F. Pellissier; 4. A.S.C.; 5. A.S.C.; 6 Cheatham Dairy

Dairy Herd
1. James Bond; 2. Cheatham Dairy; 3 Carl Morris; 4. Mr. and Mrs. Alfred Stump; 5. Elizabeth Homrighausen; 6. F. F. Pellissier.

Best Three Females
1. F. F. Pellissier; 2. Mr. and Mrs. Alfred Stump; 3. Alta E. Butler & Sons; 4. James Bond; 5. Elizabeth Homrighausen; 6. Cheatham Dairy.

Get of Sire
1. F. F. Pellissier; 2. F. F. Pellissier.

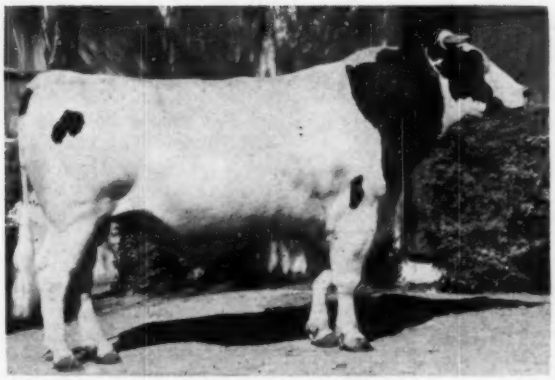
Jr. Get of Sire
1. Mr. and Mrs. Alfred Stump.

U. OF CONN. SHORT COURSES

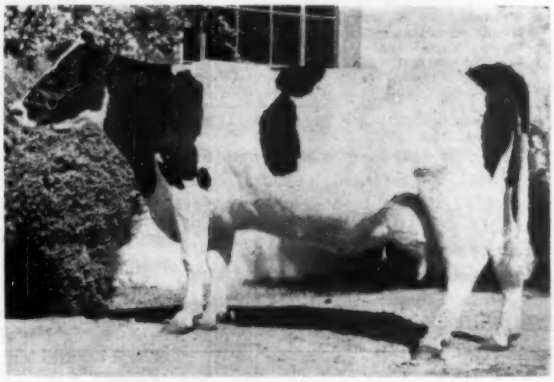
University of Connecticut announces two short courses coming up. A cattle breeding course January 14 to 18 will provide dairymen with information on the basis of inheritance, selection systems of breeding, physiology of reproduction, the maintenance of maximum reproductive efficiency, disease control, etc.

The following week, January 21 to 24, a course in artificial insemination will be given, which is designed for farmers and others who wish to use this practice in their own herds. Enrollment will be limited to ten persons. No tuition fees will be charged, but room and meals will be available at nominal cost. Inquiries should be addressed to A. I. Mann, Ratcliffe Hicks School of Agriculture, Storrs, Conn.

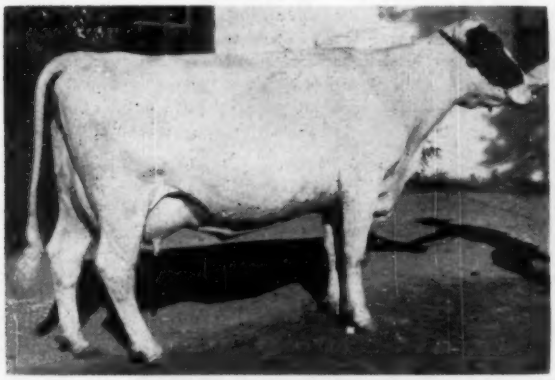
A Page of Arizona Winners



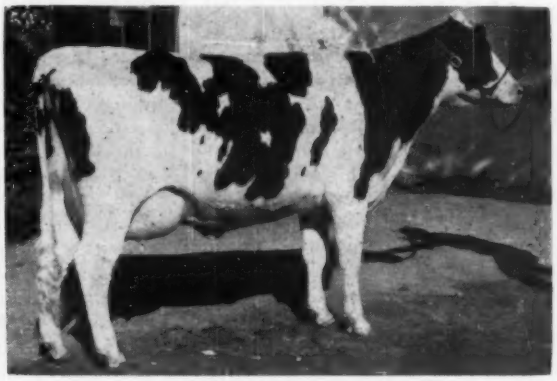
HAIGERTLEE DE KOL HOPE
First prize Aged Bull, Senior and Grand Champion, Arizona State Fair 1956. Exhibited by James Bond.



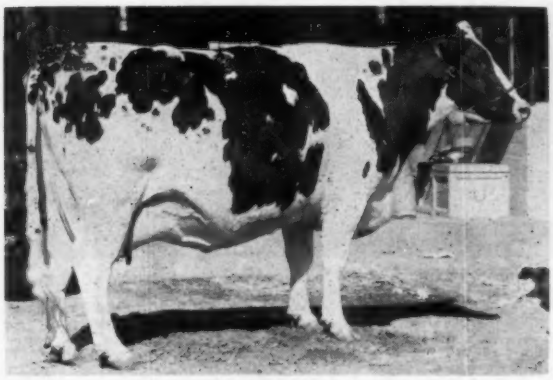
DORA MT. BAKER VIEW PERFECTION
First prize Aged Cow, Senior and Grand Champion, Arizona State Fair 1956. Cheatham Dairy, Phoenix, Ariz.



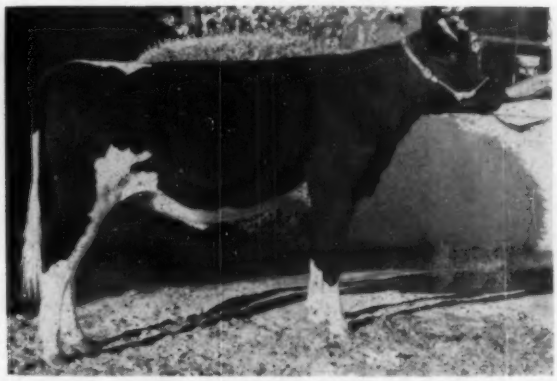
HIDEAWAY PROCTOR 4226407
First prize 4-year-old Arizona State Fair 1956. Sold on show day by Carl Morris to Mr. and Mrs. Alfred Stump, Phoenix, Ariz.



KIL-BAR RE AURORA
First prize 2-year-old and Reserve Champion Arizona State Fair 1956. Cheatham Dairy, Phoenix, Ariz.



CLOVER DEBORAH ANN 4084056
First prize 2-year-old, Arizona State Fair 1956. Mr. and Mrs. Alfred Stump, Phoenix, Ariz.



FORSGATE SUPREME DIXIE BURKE
First prize junior yearling and Junior Champion Female. Arizona State Fair 1956; Also Junior and Grand Champion in 4-H section. Larry Johnsen, Phoenix, Ariz.

Sale of Stars Averages $1212

Catalog Summary

19 Females 2y & over	$21,125	$1111.84
7 Bred Yearlings	5,300	757.14
1 Open Yearlings	950	950.00
2 Heifer Calves over 3 mos.	1,250	625.00
4 Bulls over 3m	11,400	2850.00
33 animals	$40,025	$1212.88

The 1956 Holstein Sale of Stars at the Royal Winter Fair, Toronto, November 14, brought the fine average of $1212 for 33 head. The sale had its usual international flavor, the cattle going to buyers from El Salvador, Argentina, Jamaica, Japan, New York, Wisconsin, Ohio, Alberta, Quebec and Ontario. Seventeen of the 33 animals left Canada. The usual strong support from Colombian buyers was a missing factor this year because of drastic new import restrictions in that country.

The three top animals were all sons of A.B.C. Reflection Sovereign. Romandale Supreme, fourth in the Royal junior yearling class, brought the highest price of $3,500, going to Guido DiTella of Buenos Aires, Argentina. Supreme was from Romandale Farms Ltd., Gormley, Ontario, who also sold DiTella the second highest bull, Romandale Reflection Paragon at $3,000. Supreme was out of the VG Leila Texal with a top record of 527 lbs. fat, a daughter of Lonelm Texal Highcroft, and the dam of the 4th prize produce of dam at the Royal. Paragon was out of the Excellent Governess R. A. Supreme with 695 lbs. fat in 305d at 5y, 3X, she a member of the first prize produce of dam.

The third highest price was $2,500 paid by Antonio Reyes of El Salvador, Central America, to Dr. Hector I. Astengo, Brampton, Ontario, for Rosafe Shamrock Anthony. The dam of this one is Rosafe Reflection Vale (VG) with a 2-year-old record of 689 lbs. fat on 3X, and the All-Canadian 2-yr-old of 1953, reserve All-Canadian 4-yr-old in 1955.

Gordon Ainslie, Curries, Ontario received the top price for a female from John Malcolm, Sheffield Farms St. George, Ontario. This was $2,200 paid for Live Oak Ormsby Sovereign, an Excellent cow with 622 lbs. fat on 2X, 305d, and currently promising her best record yet. She was reserve grand champion at the 1956 Western Fair, London.

Raul Mascarenhas, Buenos Aires, Argentina, paid $2,000 to Dr. Hector I. Astengo, Brampton, for the 4-year-old daughter of A B C Reflection Sovereign, Rosafe Shamrock Vivian.

A son of Franlo Gen Treasure Model was purchased at $2,400 by the Quinte District Cattle Breeding Association, Belleville, from Elgin Cunnington, Brampton. The dam of this one is a 622-lb. 2X VG maternal sister to the World Champion 305d 2X junior 2-year-old, Springbank Adaline Burke with 18,570 lbs. milk.

D.-S. Dunton & Sons, Brampton, received $1,600 from M. O. Burpee, Perth, Ontario for their second prize 2-year-old heifer in milk at the Royal, a daughter of Spring Farm Fond Hope.

Six head went to Alberta, three each to Bailey Farms, Clover Bar, and Charles Cox, Calgary. Cox bought the first prize 3-year-old at the Royal from W. G. Hammond, St. Pauls, Ontario at $1,500, and a bred heifer from Albert Seiling, Elmira, Ontario at $1,150. Heading the Bailey Farms purchases was a 2-year-old daughter of A. B. C. Reflection Sovereign out of the 863-lb. Lonelm Rag Apple Princess (VG) at $1500, consigned by J. E. Houck, Brampton. They also paid $1,050 for a yearling "Centurion" daughter consigned by James A. McCague, Alliston.

The Japanese buyer was Jun Utunomiya of Hokkaido who paid $1,000 for a 5-year-old daughter of Elmcroft Voyageur M consigned by Johnson Bros., Brampton. Another noted daughter of this sire, Monogram Voyageur R. A. (VG), the Reserve All-Canadian 3-year-old of 1955, went for $1,350 to Arthur Lockart, Woodstock, Ontario. She was consigned by Wilfred James, Sarnia.

Emeraldale Arrow Lorna, the junior champion at the International Dairy Show and second prize junior yearling at the Royal, consigned by A. H. McKane, Georgetown, Ontario, was purchased for $1,350 by John Fladd of Madison, Wisconsin.

Other U. S. buyers were Arthur Ball, Clarence, N. Y.; Fred Baer, Fort Plain, N. Y.; Allen F. Jones, Jamestown, N. Y.; Lewis S. Bell, Interlaken, N. Y.; and Gordon A. Riley, Ashland, Ohio.

The sale was smoothly managed by Hays Farms Limited. Bidding was brisk, the sale concluding in less than three hours. Auctioneer Harry Hays was assisted in the box by pedigreeman Hugh J. Colson. Thomas E. Hays and Mike Brubaker worked in the ring, with veteran L. E. Franklin in

(Please turn to page 56)

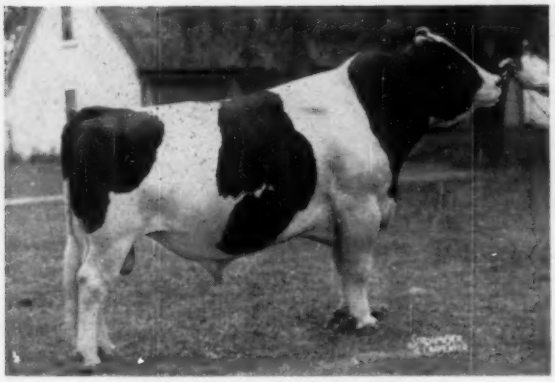
TOP BULL AT SALE OF STARS
Romandale Supreme, 17 months old, son of A. B. C. Reflection Sovereign, brought $3500.00 to top the Holstein Sale of Stars. At the left is his purchaser Guido Di Tella, of Buenos Aires, Argentina, while in the center is his advisor, J. M. Fraser, Streetsville, Ontario who was flanked by Dave Houck, of Romandale Farms, Gormley, Ont., the seller. At the halter is Mac Logan of Woodstock, Ontario.

$3,000 BULL TO ARGENTINA
Guido Di Tella (right) of Buenos Aires, Argentina, paid $3,000 to Romandale Farms, Gormley, Ont. for this eight-months-old bull calf at the Sale of Stars. Standing behind the bull calf, Romandale Reflection Paragon, is George Roman, left of Romandale and Guido Di Tella. The calf is a son of the Extra Sire, A.B.C. Reflection Sovereign. His dam is classified Excellent and has a 305 day record of 20515 lbs. milk.

7-MONTHS OLD BULL CALF BRINGS $2,500.00
This 7-mos.-old bull calf brought $2,500.00, the third highest price at the Holstein Sale of Stars. He was purchased by Antonio Reyes, Salvador, Central America from Doctor Hector I. Astengo, Brampton, Ontario. Photographed with the bull, Rosafe Shamrock Anthony, are, left to right, Alex Hansen, Kingston, Jamaica who represented Mr. Reyes, Dr. Astengo and Frank Pfister.

From the Home of the Triunes - - -

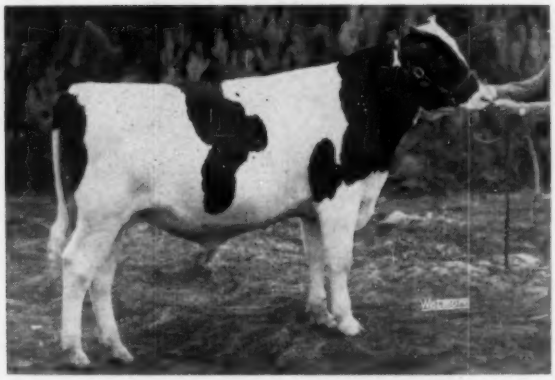
A Gold Medal for "Prince"



RAVENGLEN TRIUNE PRINCE
Excellent - Gold Medal

RAVENGLEN FARM is pleased to announce that its senior herd sire, Ravenglen Triune Prince, was recently made a Gold Medal Proven Sire. The daughters whose lactation records qualified Prince for Gold Medal were mostly 2-year-olds. Ten daughters averaged 13,618 3.7% 510. His more mature daughters appear to be milking wonderfully well and their udders get better as they grow older, if that is possible.

"Prince" Improves Type and Production



RAVENGLEN GENIUS TRIUNE
Our undefeated bull calf - 1956.

Ravenglen Genius Triune, the son of Prince pictured here, was undefeated as a bull calf on the 1956 show circuit, winning the junior championship at Wisconsin State Fair, reserve junior champion at the International. A Prince daughter, Ravenglen Lorlie Triune, was first prize 3-year-old at Wisconsin State Fair. Another, Ravenglen Etta Triune, was first prize senior yearling at the Illinois State B & W Show.

Here's a "Prince" Son We Recommend!

RAVENGLEN HOMESTEADER TRIUNE — A top Prince son, nicely marked, and born right to show as a senior calf next year. His dam, Hulline Netherland Canary (VG), is a good uddered, big cow with a top record of 19,886 lbs. milk, 705 lbs. fat in 305 days. Prince is analyzed RSS and Hulline SRR, an ideal mating under the aAa Analysis program. Write us today for pictures and pedigrees. Other outstanding Prince sons also available.

A "TRIUNE" BULL CAN HELP YOUR HERD!

Ravenglen Farm — Antioch, Illinois

EARL MOELLER, Manager — Telephone 593-R-1 — ROBERT L. HUNTER, Owner

A Bull For Fall Service

HE'S READY: When They're Big Enough, They're Old Enough
And This One Is. He Has Very Nice Type Too.

He's a bull that you'll admire,
He has "CRETE TIDY" as his sire.
There's 21,000 on his dam —
A mighty aid to your breeding plan.
His price is right; his color too,
Perhaps he's just the bull for you!

HIS DAM: SHAWS DUNLOGGIN TIDY ROYAL 3269398

Calving at 1 yr. 11 mo. she made 14,367 and 519. f.
Calving at 3 yr. 0 mo. she made 21,074 and 740. f.
She's now again making over 21,000 and 800. f.
She's a daughter of Dunloggin Golden Cross Tidy, G. M., giving her son two crosses through G. M. bulls to "Tidy Miss."

PLEASE CONTACT US AT ONCE IF YOU WANT US TO HOLD HIM.

SHAW'S RIDGE FARM Vac., T. B. and Bang's Acc. HAROLD J. SHAW SANFORD, MAINE

BRIGEEN GOLDEN FOREMOST "VG"

Crete is Gone

BUT
Our Herd Is Greatly Improved
Because of his having been here
Golden Sons out of
Crete Daughters are Siring
Uniformly Nice Animals

SHAWS DAUNTLESS CRETE TIDY (EX-GM)

Brigeen Golden Foremost was bred to mate with Crete daughters. His dam, Kearsarge Helen Dauntless (EX), has at 10-9 — 22,288m 4.2% and 942f. Her seven 2X records average 770 fat. His sire is Dunloggin Golden Cross Tidy, a GM son of Dunloggin Tidy Miss (EX). Golden is living up to our expectations of him. His daughters are averaging close to 50 lbs. of milk with a 4% test as 2-yr-olds. One of his first ones was best udder winner at Eastern States in 1956.

Crete's 59 pair proof shows that his daughters average 14,415m 3.96% and 571 fat which is an increase of plus 833m, plus .12% and plus 50f. Crete leaves 5 daughters over 800 fat on 2X in our herd. There are many more over 700 as heifers that will increase as they mature. Our oldest Crete daughter has over 100,000 milk in 6 lactations at 9 yrs. She is now making her best record. A Crete Get has been first at Eastern States 3 times. **Over half our herd is made up of Crete daughters and we expect our herd of 70 cows to average over 550 fat on 2X this year.**

Calfhood Vaccinated **— BRIGEEN FARMS —** T. B. Accredited

H. C. BRIGGS & SON TURNER, MAINE

HALLROSE PROGRESSOR (EX-GM)

HALLROSE HAZEL SLEIGH BELL

Very Good — Silver Medal Type Sire

Sire: HALLROSE PROGRESSOR (EX-GM)
Dam: HALLROSE TRITOMIA BELLE (EX)

5½y	303d	2X	14,427	4.2	605

14 DAUGHTERS CLASSIFIED — Score 82
2 VG — 8 GP — 4 G

OTHER HIGHLIGHTS OF THE YEAR

1. Awarded our fourth P.B.R. Certificate
2. Herd Accredited T. B. and Certified Bang's Free
3. Classified: 8 VG 20 GP 14 G 2 F
4. February 29, 1956, completed our 27th consecutive year on HIR test.

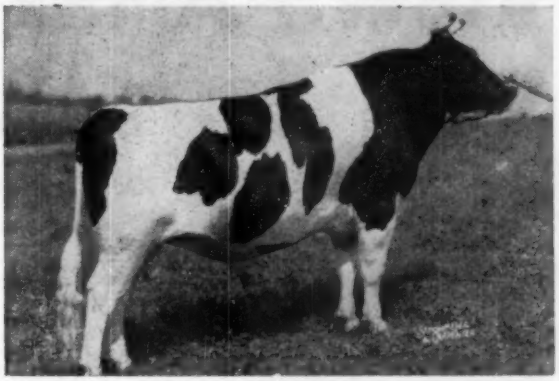
R. H. Barr **Ohio Carnations** Paul R. Barr

BARR DAIRY INC.
3833 Martindale Road, N. E., Canton 4, Ohio

¾ Brother to
Pabst Fobes Burke

1st Aged Bull
and
Grand Champion

at
The National Dairy Show
The International
The Royal Winter Fair



← Our Sr. Sire
Pabst Sir Burke Fobes
(Very Good)

His Daughters Are Passing Expectations at the Milk Pail.

Our First Sir Fobes Daughter To Finish Test

TRUNLAN FOBES BURKE ZITA — 2-2 305d 2X 14,500 3.7% 542
Zita is fresh again and milking 65 lbs. a day on 2X.
The second daughter (her first record not officially reported yet) is fresh again and milking 67 lbs. a day.
Our HIR Lactation Herd Average for the year ending May 1956 is:
71 cows 13,542 milk 3.7% 507 fat (2X — 305d M. E.)

We at Trunlan are very happy to note that the offspring of Pabst Reburke Duke (herd sire at Harden Farms) are doing so well in the show ring and making such wonderful production records. We have a son of Duke that we intend to use on our Sir Fobes and Trunlan Burke Max daughters. He is Harden Farms Abbyvale Reburke and his dam is the Excellent Abbyvale Pledge Osborndale, a 713-lb. granddaughter of Cornell Pride 16th.

We still have a few bred and open heifers for sale
Write for pedigrees

TRUNLAN FARMS

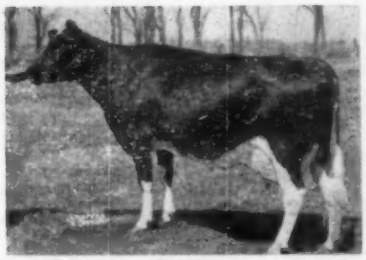
JOSEPH KIERMEIER
Manager

Certified - Vaccinated - Accredited
MISS CECILIA A. TRUNZ, Owner, MILLERTON, N. Y.

EVERETT A. JONES
Herdsman

Congratulations To COBA On Their Purchase of Gray View Pansy Pilot (SMT)

Two of Our Excellent Uddered Pilot Daughters



RACINE HOMESTEAD PANSY PILOT
"VG" with Excellent Mammary
4-4 279d 2X 14,400 3.8 554
(still on test)

GRAY VIEW PIDON CRISCO
"VG" with "EX" Mammary fore & rear
4-1 2X 305d 13,345 3.8 508
The greatest udder ever at Gray View, out of the "EX" 858-lb. 2X Res. All-Am. Crissy.

We also want to congratulate the Nutters to whom we sold Pilot with service rights retained. Because of the outstanding type and exceptional udders that Pilot sires, we have been and are continuing to use his frozen semen.

GFV — GRAY VIEW FARMS
HARVEY A. NELSON & SONS
UNION GROVE, WISCONSIN

- Of course one of our main herd sires is the Pilot son, Gray View Pidon Creator, full brother to Crisco (above) and a maternal ¾ brother to "Pet Crystal" — 1955 All-American Sr. Yearling and 1st 2-year-old at Waterloo, Chicago and the Royal (she by a son of Pilot).

GRAY VIEW PANSY PILOT (V

GRAY VIEW PANSY PILOT (VG - SMT)

★ Production

COBA Proof, HIR and DHIA Rec.:
10-1-56 (305d 2X ME)

23 daus. avg.	13,985M	3.8%	528F
20 daus. avg.	14,206M	3.8%	536F
20 dams avg.	15,144M	3.8%	581F

Current records indicate the daughter level of production will increase.

We at COBA would like to take this oppor Gray View Farms, the breeder and Fred J. Nu Pabst Comet.

— His Illustrious Pedigree —

PABST COMET 959466
Gold Medal Sire—Very Good
Leading Honor List Sire, 1952
Sire, Reserve All-American Get 1953.
Sire, 1st Get, Ohio State Fair, 1954
58 A R Daughters
8 from 803 to 991 lbs.
45 from 502 to 767 lbs.
168 daus. avg. 14,345 M 545 F
138 daus. avg. 14,311 M 548 F
138 dams avg 13,849 M 515 F
14 "EX" offspring

PANSY BURTON DE KOL BURKE 2131575
Excellent

365d	5½y	2X	21377	4.0%	850	HT
365d	7y	2X	21218	3.8%	802.8	
365d	8y	2X	19971	3.8%	751.5	
365d	8y	2X	15965	4.1%	654	HT
365d	9½y	2X	17231	3.7%	630	HT
286d	5y	2X	17538	3.6%	629	HT

6 lactations —
Milk 121,000 3.9% Fat 4,600
2 Daughters
With 774 and 792 lbs., 2X

WISCONSIN ADMIRAL BURKE LAD 697789
Gold Medal Sire - Very Good
Twice Sire All-American Get, Sire Res. All-Amer. Get, 1950.
Two sons have sired four All-American Gets of Sire.
97 A R Daughters
30 from 805 to 965 lbs.
Sire of 48 "EX" offspring.

PABST BELMONT PRIDE PEARL 2181827
Excellent
2d Hfr. Calf, Wisc. State Fair 1941
Fat 365d 4y 985.90
Milk 3X 4.3% 22789.00
(Wisconsin State Record)
Fat 365d 5y 885.20
Milk 3X 4.2% 21242.00

SIR PANSY BEETS ORMSBY BURKE 729720
Sire, 2nd Get, Wisconsin State Fair, 1944.
Sire, 2nd Get, Illinois State Fair, 1946.
Silver Medal Production Sire
13 A R Daughters
4 from 802 to 969 lbs.
63 Herd Test Daughters
4 from 802 to 969 lbs.
34 from 508 to 705 lbs.
19 from 410 to 499 lbs.

BURTON DE KOL BURKE ORMSBY 1479956
4th Prize Produce of Dam, Wisconsin State Fair, 1944.
DHIA Record
365d 5y 2X 16800 M 569 F
2 Daughters with 850 & 891 lbs. fat, 2X—over 100,000 M.

WISCONSIN ADMIRAL BURKE 661323
22 A R Daughters
2 with 825 and 896 lbs.
13 from 480 to 700 lbs.

BELL FARM ROSALIND 978721
3rd Aged Cow (in Milk), Central States Exposition, 1934.
365d 5y 4X 19758 3.8%
365d 5y 4X 19758 3.8% 749.5

PABST BELMONT CREATOR 678994
Gold Medal Sire - Very Good
26 A R Daughters
9 from 706 to 985 lbs.

PABST PRIDE MONSADER PEARL 1986667
Hon. Ment. All-Am. Hfr. Calf, 1939
1st Hfr. Calf & Res. Jr. Champion Michigan St. Fair, 1939
365d 25m 3X 15977 3.5% 569.3

SIR PANSY BESS BURKE 622273
37 A R Daughters
3 with 813, 826 & 833 lbs.
24 from 504 to 724 lbs.
22 H T Daughters to 766 lbs.

BUTTERCUP BEETS ORMSBY 1406984
Fat 365d 5y 991.40
Milk 4X 4.0% 24498.80
3 A R Daughters
2 with 826 and 833 lbs., 3X

BURTON ARTIS DENVER 463359
1 A R Daughter
With 638 lbs. fat, 4 years
DHIA Daughter

ROSE DE KOL BURKE ORMSBY 1076521
Daughter of King Bess Ormsby Burke.
1 Tested Daughter
With 569 lbs. fat, 5y, 2X

Remember you can breed your cows to Pilot or any of the other top bulls in our stud for as low as $5.00 per cow. Write for further information.

COBA SELECT SIRES

● FROZEN SEMEN SHIPPED ANYWHERE

CENTRAL OHIO BREEDING ASSOCIATION

1224 ALTON-DARBY RD., COLUMBUS 4, OHIO
Phone TRinity 8-5333

(VG-SMT) COMES TO COBA

★ Type

20 daus. average 83.5

1 EX, 6 VG, 11 GP, 1 G, 1 F

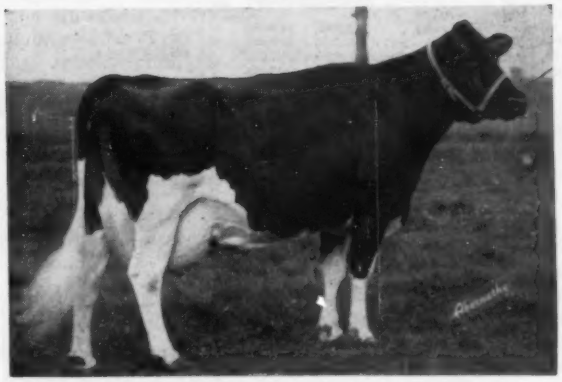
Excel in udder quality, shape and strength of attachments.

4 daus. are "EX." in Mammary.

They milk out rapidly and completely.

opportunity to congratulate Harvey Nelson & Sons, . Nutter & Son, the developer of this great son of

PILOT'S DAM



PANSY BURTON DE KOL BURKE (EX)
Hon. Men. A.-A. 3-year-old 1942
5½y 2X 365d 21377 4.0 850
6 Lactations (2X) 121,000 M 4600 F

Daughters of Pilot

MAVIEW LETTIE DIRECT PILOT (VG)
2-8 365 2X 14,655 M 552 F

MAVIEW MAXINE PILOT (VG)
2-5 327d 2X 16,480 M 610 F

GRAY VIEW HELEN T PANSY P (EX)
Excellent Mammary - Fore and Rear
2-6 357 2X 12,632 M 461 F

RACINE HOMESTEAD PANSY PILOT (VG)
(Excellent Mammary)
4-4 297d 2X 14,400 554 (inc.)

GRAY VIEW PIDON CRISCO (VG)
Excellent Mammary - Fore and Rear
4-1 305d 2X 13,340 M 508 F

Maple View invites your inspection of the Maple View bred Pilot daughters. We plan to continue using Pilot in our herd through use of frozen semen.

MAPLE VIEW FARMS

Fred J. Nutter **CORINNA, MAINE** **Robert Nutter**

Holsteins at the Sales

CLOVER CREST DISPERSAL

54 Females 2y & over (10 calves under 3 mo sold with dam)	$29,565	$547.50
14 Bred Yearlings	6,075	433.92
7 Hfr. calves over 3m.	1,830	261.42
14 Bulls over 3 months	4,135	295.35
89	$43,565	$489.49

The demand was strong for Purebred Holsteins at the Ernie Borges dispersal sale held October 27th at the dairy ranch in Manteca, California. It was a cool, sunshiny day, with a crowd of approximately 500 people on hand. The sale started at 11:30. To open the sale the sale managers selected a beautiful three-year-old, Clover Crest Ormsby, who had just completed as a 2-3, 315d record of 14,909m, 524f. She was bred to Smokie Joe, the junior herd sire, a son of Rocky Hill Mont Burke Joe, and due to freshen right away. Bidding was very brisk on this heifer, with Roger Jessup of Glendale, California making the last nod and taking her for $800. so the sale was off to a good start and never let up during the four hours of selling.

Mr. Henry Sterk of Artesia, California purchased the top animal of the sale, Clover Crest Posch Mechthilde, a terrific two-year-old that had just completed in 313d, 612.3f, she being a daughter of Kanowa King Posch Neptune and out of Mechthilde Pontiac Veeman, she was classified 'Very Good' with a top record of 755f. This heifer sold dry and due again the latter part of December. After highly spirited bidding Mr. Sterk won her for the price of $1,125. Sterk was the heaviest buyer of the day, taking 20 head for $10,500. Roger Jessup was second, taking 7 head for $4,675. Fred Plocher and Sons of Woodland, California also purchased 7 head for a total of $4050. Another 7-head buyer was Charlie Van der Kooi of Norwalk, California.

A new breeder from Artesia, Henry DeBie, Jr., was bidding on many of the good ones and ended up taking six, mostly bred heifers.

Lavacre Holstein Farms, owned by Dr. Harold Schmidt, purchased five head. In the absence of Dr. Schmidt, his wife was doing all the buying, bidding and taking many of Rosafe Magician's and Rocky Hill Mont Burke Joe's daughters.

All in attendance had great praise for the job Ernie Borges had done on this herd. It was practically a 100% home-bred herd and as the average shows they were received very well.

The sale was managed jointly by the Trev. Moore Sales Yard of Paramount, California and L. H. McDaniel of Turlock, with R. E. 'Bob' Stanley of Paramount, auctioneer, assisted by Dick Crow of The Western Dairy Journal, Los Angeles, and R. M. McCune of Paramount, ringmen.

Buyers were as follows:
Wally Lindskoog, Turlock; Flamingo Dairy, Paramount; Neil Bakker, Cypress; Jack Wood, Corona; Joe J. Conconi, Hollister; Dan Coelho, Turlock; John Blackie, Merced; Milo Envernizzi, Fresno; Albert R. Fisher, Pomon; Walter Fittje, Fresno; John Freddi, Santa Maria; Donald Filippini, Newman; Golden Rancho Dairy, Fontana; J. S. Gonsalves, Modesto; Gerald C. Hill, Riverdale; Harold Habib, Fresno; Alfred Jacobsen, Solvang; Frank Martin & Sons, Oakdale; Frank Machado, Manteca; Dan Mills, Hanford; A. L. Mello, Waterford; B. A. McNees, Visalia; L. G. Morasci, Modesto; Joe J. Machado, Manteca; Frank Nunes, Manteca; K. W. Peltz, Modesto; J. O. Perry, Livingston; Rocha Bros., Tracy; Tony Rocha, Jr., Escalon; Albert Souza, Manteca; Ray Sepeda, Tulare; Sun Sweet Dairy Farm, Banning; Donald Silacci, Gilroy; Teicheira Bros., Manteca; William C. Tell, Turlock; Tony Vandenberg, Chowchilla; Fred Vandenberg, Chowchilla; and Frank Vierra, Maxwell, California.

7TH HARVEST OF STARS

CATALOG SUMMARY

46 Females 2y & Over (7 calves under 3 mos. s.w.d.)	$18,785	$408.37
4 Bred Yearlings	502	71.79
10 Heifer Calves Over 3 mos.	1,480	370.00
4 Bulls over 3 mos.	2,870	287.00
64	965	241.25
	$24,602.50	$384.41

The 7th Harvest of Stars held October 27th at the Fox Valley Livestock Center, St. Charles, Ill., was highly successful with 64 head going through the ring for an average of $384. The sale was managed by the Illinois State Association, R. B. Howard, State Secretary and Dick Mathews, National Fieldman. Merle Howard, Mooseheart, read pedigrees with Col. A. C. (Whitey) Thomson, Col. Wm. H. (Pat) Williams and Hy Wiegand as the sales force.

Of the 64 head 9 were youth project heifers that sold to 4-H and FFA members. These 9, all under a year of age, averaged $278. The remaining 55 head averaged $404.

Top of the sale was the Rock River consignment, Rock River Sensation Susanne, a bred 2-yr-old daughter of Rock River Sensation, the son of the Excellent Haven Hill Crescent Gewina Count cow. The heifer, bred to Budd Farm Master Duke, had a nice linebred pedigree as her dam was a paternal sister to the Gewina Count cow. Final bidder on this outstanding heifer at $1075 was the Abel Investment Company, Lincoln, Nebraska. This outfit purchased 5 head during the day spending a total of $2860.

Second high for the day was Willard Dickman's daughter of Maytag Ormsby Fobes Dictator (EX-GM). This 651-lb. 2X cow, Barb Atwork Dictator Dean Eden, sold for $585 to George Fox, Sycamore, Ill.

A granddaughter of Osborndale Sir Ty-Vic Rag Apple, Taylor Grove Rag Apple Alice Ty, brought $560 on the bid of Clyde Lebegue, Highland, Ill. Consigned by Alfred H. Ames, Zion, Ill., she had 3 records over 435 fat and was classified 84 points.

Another granddaughter of the Ty-Vic bull, Rock-I Illini Ideal Irma, consigned by J. George Smith, Oswego, Ill., was purchased for $520 by Bruce Simpson, Ilburn, Ill. She had records of 505 at 2 yrs. and 572 at 3 yrs.

Cal Meyer's "VG" daughter of Dougvic Senator Double brought an even $500 on the bid of C. W. Kenney, Tiskilwa, Ill. Another $500 cow was "S" Creek Crescent Ty-Vic Betty, a granddaughter of Crescent Beauty Commander, consigned by Don Stauffenberg, the President of the Illinois State Association. She sold to the Mayfair Management Co., Chicago, Ill. They were the top buyer of the day taking 8 head for a total expenditure of $3525. Twenty-three more head sold for over the $400 mark.

DLM

Abel Investment Company, Lincoln, Nebr. (5)
Rock River Sensation Susanne (9-54) ... $1075
(R. B. McLaughlin, Rock River Farms, Gyron, Ill.)
Oak Dell Miss Sparkle (11-54) ... 455
(Gordon Thomson, Elgin, Ill.)
Clover Hill Pride Posch (5-52) ... 455
(Arnold C. Wittmus, Harvard, Ill.)
Lor-Mar De Kol Princess Flo (12-53) ... 440
(Loren R. Hoge, Lor-Mar Farm, Harmon, Ill.)
Sun Vae Louise Winnebago (1-53) 435
(Warren W. Carlson, Winnebago, Ill.)
George Fox, Sycamore, Ill.
Barb Atwork Dictator Dean Eden (12-49) ... 585
(Willard Dickman, Ray Will Farm, Herscher, Ill.)
Clyde Lebegue, Highland, Ill. (2)
Taylor Grove Rag Apple Alice Ty (9-51) ... 560
(Alfred H. Ames, Amestead Farm, Zion, Ill.)
B. L. Simpson, Elburn, Ill.
Rock-I Illini Ideal Erma (1-47) . 520
(J. Geo. Smith, Rock-I Farm, Oswego, Ill.)
Wiseacres Lilith Princess (7-54) . 420
(Nancy Wessels)
C. W. Kenney, Tiskilwa, Ill.
Calmey Senator Johanna Piebe (2-51) ... 500
(Calvin Meyer, Calmey Farm, Peotone, Ill.)
Mayfair Management Co., Chicago, Ill. (8)
"S" Creek Crescent Ty-Vic Betty (7-54) ... 500
(Don Stauffenberg, "S" Creek Farm, Manteno, Ill.)
Aljo Ty Vic Chieftain Fannie (8-54) ... 490
(Robert B. Howard, Howard Farm, Dundee, Ill.)
Clanyard Tyler Peggy (10-54) ... 470
(Wm. McCredie, Clanyard Farm, Huntley, Ill.)
SanMarGale Burke Pabst (3-54) . 460
(Williams & Bingham, Willaims Farm,

(Please turn to page 56)

Our Aged Cows AT THE ROYAL

WHERE OUR DAIRY HERD PLACED SECOND

We have been told that this was the greatest dairy herd we have ever exhibited.

These four were all aged cows —

1. **Linden Dictator Wimble Wimpy** — third place aged cow in milk, our daughter of the GM Maytag Ormsby Fobes Dictator that had placed fourth at Chicago for John Newman & Sons of Indiana who were her former owners.

2. **Nena Johanna Pietertje (EX)** our 93-points, 1002-lb. cow that was grand champion at Iowa this year—now nearly ten years old, high placing at both Waterloo and Chicago, 8th in the aged cow class at the Royal.

3. **Meldomar Comet Doreen,** our 95 point Excellent daughter of Pabst Comet, nominated All-American in 1955 with a long string of show records; she has 889 F., 365ds. and 838 F. in 305 days as a 5-year-old and 860 F., 365ds. as a senior 4-year-old.

4. **Detert Beacon Inka Mistress, (EX)**—92 points with 1030 F., 4.6%, 22,001 M. at 5-years and 804 F. as a 4-year-old, also with a fine show record.

* The Dictator daughter was a member of the winning state herd of Wisconsin.

OUR CLASSIFICATION — 13 EX - 22 VG - 10 GP
AVERAGE: 86.1

Fresh or frozen semen from Pabst Comet available

Braun's Sunny Lea Farm

ROUTE 4 ✣ **BOX 667**

WAUKESHA, WISCONSIN

Four Miles East on Davidson Road.

OUR YULETIDE SALE
Will Be Held at
Watertown, Wisconsin

at the Darcey Sale pavilion, 7 miles north on Highway 26 — on Thursday

DECEMBER 13

Early entries include:

- a 2-year-old springing heifer from Lakeside Farms, a daughter of Wis Masterpiece and bred to Elkhart Hi Hope, son of Spring Farm Fond Hope from Athlone Admiral Grace (EX).
- Also a yearling son of Wis Masterpiece Roma and from a VG 500-lb. granddaughter of Burke.
- The Wisconsin School for the Deaf sends a large, dark splendid springer with all their good Ormsby Breeding attached.

We will have 500-lb. cows and daughters of 500-lb. cows — springing in 2-year old form. Our yearling bulls will be of very high caliber.

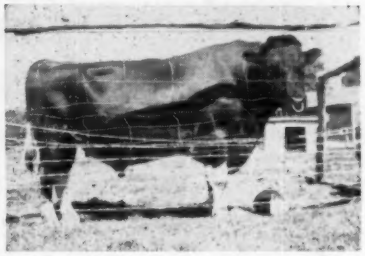
Attend this sale — make your winter selections at prices you can afford . . . Many more top entries will be listed.

Francis Darcey & Sons

Watertown, Wisconsin

Our Senior Sire
Amcana Bell Ringer

Classified Excellent (91 points)



The above picture shows AMCANA BELL RINGER in his run. Nineteen of his daughters in our herd at an average age of 3 yrs. 10 months classified as follows:

Per Cent Good Plus or Higher

Final Class.	Gen. App.	Dairy Char.	Body Cap.	Mam. Sys.	Legs & Feet	Rump
90%	74%	100%	100%	84%	63%	84%

Bell Ringer's Proof

(Tabulated by the New Jersey Central Breeding Unit, Clinton, N. J.)

16 daus.	25 records	13,767	3.97	546
16 dams	105 records	11,555	3.85	445
Increase		+2,212	+.12	+101

AMCANA BELL RINGER —
A Sire Transmitting His Heritage

S. B. ROBERTS & SON

R. D. 1 **PORT JERVIS, N. Y.**

Complete Dispersal of . . .

LESTER M. JACOBS HERD ON FARM No. 1

(ALL FAMILIES SELL IN THEIR ENTIRETY)

Thursday - December 13 - Hanover, Pa.

The sale will be at 11:00 a.m. at the farm, 1 mile northwest of McSherrystown, just off the McSherrystown - New Oxford Road. McSherrystown is about 2 miles west of Hanover, Penna., and only about 6 miles north of the Pennsylvania - Maryland border. Everything, including dairy equipment, sells—the farm has been sold. Lunch available.

72 Registered Holsteins

Bang's Certified - T. B. Accredited - All tests up-to-date

★ 30 Milkers ★ 19 Bred and Fresh Heifers
★ 11 Younger

DHIA Tested for 10 Years . . .
23 Head from 410 to 660 lbs. Fat on 2X . . .
Many High Records Now in Progress .

Most Animals By or Bred to Southeastern Pa. A B C Bulls

13 Head Bred to Maplebend Dean King Posch (GM)
12 Head Bred to Wimarjo Pabst Regal Lucifer (VG-GM)
Daughters Selling By
DOUBLE CHIEFTAIN and SPRING FARM FOND HOPE

LESTER M. JACOBS, Owner
318 Carlisle Street
Hanover, Pennsylvania

R. AUSTIN BACKUS, INC.
Sale Mgrs. & Auctioneers
Mexico, New York

FOR SALE — Two Nice Sons of . . .
WALKER HOMESTEAD DAWN (VG-GM)

Noted sire of high production and 4% test. Sire, First Prize 3 Best Females, 1956; 2d "Get," 1955-56; and others at Eastern States Exposition.

1. Bull Calf, born July 11, 1956

Dam: HOWACRES LOCHINVAR BERTHA (GP)

2y	335	2X	17,262	3.5	599.3
3y	365	2X	19,940	3.4	685.8
4y	365	2X	23,164	3.5	799.3
5y	317	2X	21,039	3.6	756

Nom. for Jr. All-American, 1951

Her dam is our famous "Berta" cow, classified "VG" and with 3 consecutive 2X records from 815 to 871 lbs. fat — winner 100,000-lb. class, ESE, 1954. Bertha (dam of the calf) has a 565-lb. 2-yr-old 2X daughter and a 645-lb. 2X 2-yr-old full sister.

— A GREAT COW FAMILY —
Price $400 for the calf.

2. Bull Calf, born July 17, 1956

Dam: HOWACRES LOCHINVAR MATTIE (GP)

2y	306	2X	14,726	3.4	502.5
3y	365	2X	18,089	3.7	677.3
4y	365	2X	19,275	3.7	701

Now with 310 fat in 104 days at 5 years and has milked up to 95 lbs. Her dam has 2 records over 700 fat 3X.

Price $400 for the calf.

HOWACRES

JAMES K. HOWE & SONS **TUNBRIDGE, VT.**
9 Times Progressive Breeders Reg.
Cert. - Accred. - Vacc.

- **Monogram**
  Master
  Dunloggin Mistress Gracious
  Ormsby Sensation 45th
  Montvic Rag Apple Chief
  Dunloggin Knight
  Sovereign and Pathfinder

These are the bloodlines and combinations to be found in the several select young bulls of real good type that are now ready for sale at POPLAR POINT FARMS.

Type Classification, official records, and proven sires make a solid pedigree background. Surely we can select a sire from the above bloodlines that will line breed in your herd. Write us for detailed information.

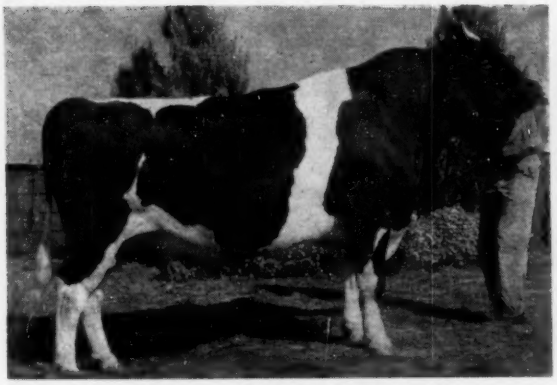
Poplar Point Farm

SENECA FALLS, NEW YORK

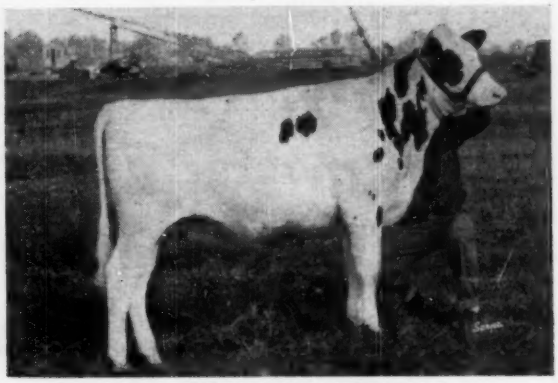
E. R. SMITH, Owner

Acc. - Cert. - On Rt. 89, 6 miles south of Seneca Falls

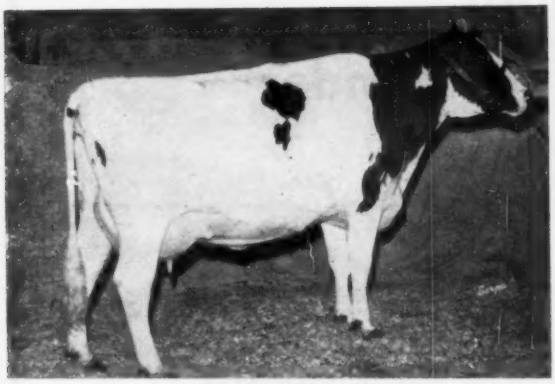
Canadian Winners at Pacific International



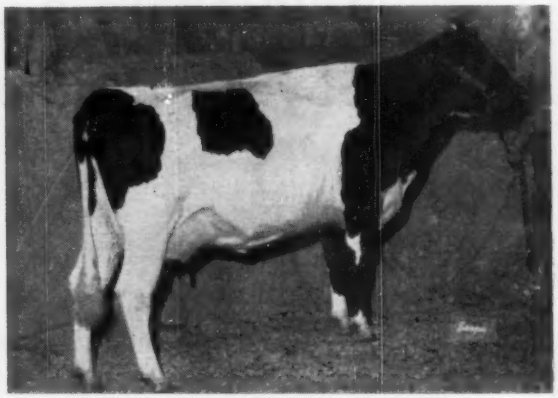
COLONY VALE SIR CYVRO
First prize 2-year-old for Colony Farm, Essondale, British Columbia.



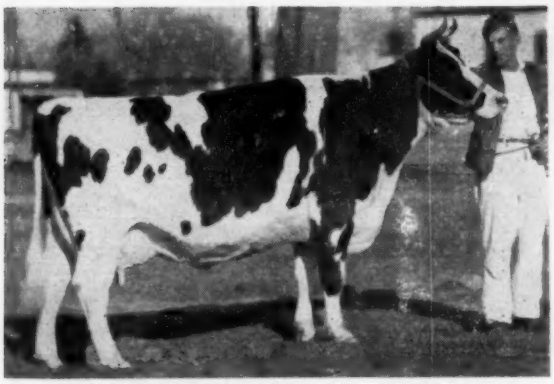
LANGVIEW CORALLIE DE KOL
First prize heifer calf. W. C. Blair, Langley Prairie, B. C., owner.



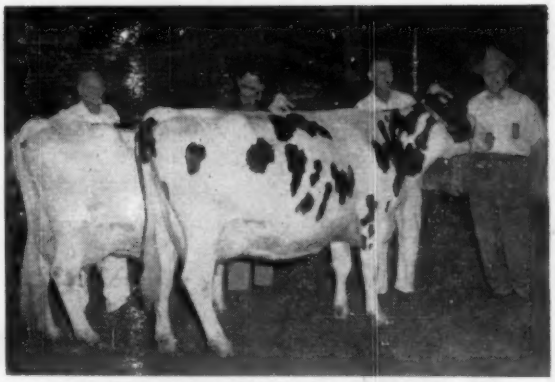
FRASEA WINNIE JEWEL
Winner of the 4-year-old class. J. Grauer & Sons, Ltd., Vancouver, B. C.



MEADOWRIDGE BEAUTY HENGERVELD
First 3-year-old and reserve champion female. H. Bose & Sons, Surrey Centre, B. C.



GRAND CHAMPION HOLSTEIN AT OTTAWA
Hoople Creek Mistress Gertie, first prize dry aged cow Senior and Grand Champion Holstein Female at Ottawa Winter Fair for John B. Ferguson & Son, Wales. Gertie is classified Excellent, the highest official grading for type and this is the fourth time that she has been a first prize winner at Ottawa Winter Fair. For the fifth time she combined with her maternal sister to win the Produce of Dam Award at Ottawa.



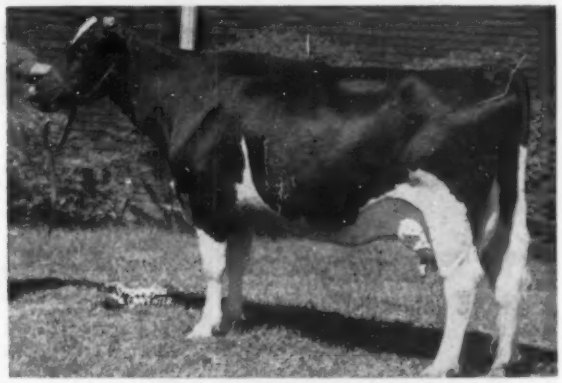
GRAND CHAMPION HOLSTEIN FEMALES AT WESTERN FAIR
Judge Elis Knutson, of Oconomowoc, Wis., is shown here with the Senior and Grand Champion Holstein female, Princess Leader Posch, owned by Harold James, Sarina, Ont., who is at the halter. At left is the Reserve Senior and Reserve Grand Champion, Live Oak Ormsby Sovereign, with owner Gordon Ainslie, Curries, Ont. At the halter is Lloyd Pickard, Oakville.

Her Double Grandson

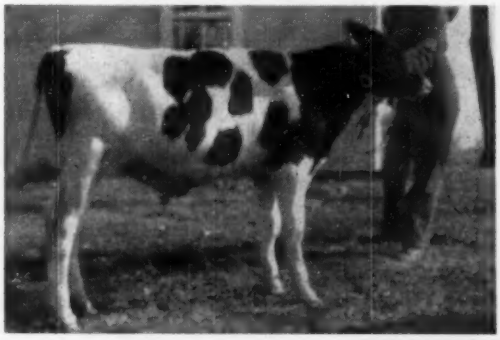
(Pictured Below)

FOR SALE

The nice straight calf, pictured below, is a son of Oakton Burton Sovereign, our proven Sovereign son out of the great cow pictured to the right. She is a former national champion with a string of 2X records to 754 fat and a lifetime total over 150,000 milk and just under 6000 fat.



ZELDENRUST BURTON CORNUCOPIA



The dam of the calf is a daughter of the above cow and an Ohio State record holder. A maternal sister to her holds the Sr. 3-yr-old 305 day 2X state fat record. A maternal sister to the calf offered is also a state fat leader and she was 2nd jr. yrlg. at the 1949 International Dairy Show — she is also the dam of our jr. sire, Oakton Burton Don, our son of Pabst Burke Tritomia Don (EX-GM).

Details and Price Upon Request

Oakton Holsteins

HAROLD MONTGOMERY — JOHNSTON, OHIO

Our Herd Sire -

REOFLORA TRAILBLAZER COUNT

Very Good — Silver Medal Type

Average test of 23 daughters increased from 3.8% to 4.1%.

Roehrich FARMS

HACKETTSTOWN, NEW JERSEY

Henry Roehrich, Owner — Kenneth J. Roehrich, Herd Mgr.

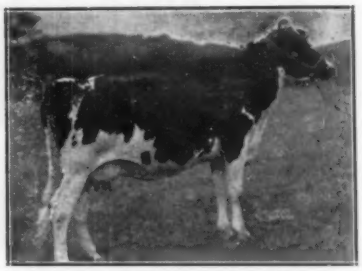
Robert H. Smith, Herdsman

Phone: Garden 5-3747 — Acc. - Cert. - Vacc.

A Former 45th Sire

Newmont Aristocrat Dart

His Dam



NEWMONT DOTTIE (VG)

A 627-lb. 2X daughter of Newmont Aristocrat (EX-GM).

Dart was our son of the cow pictured. We used this bull quite a little and had over 50 offspring of which 40 were bull calves. We dispaired at getting a proof on him because of the few daughters available so we let him go.

When his daughters finally did come along we discovered that we had made a major mistake and so picked one of his good daughters for the dam of a present herd sire, **Starkdale Gracious.**

We have 7 Dart daughters in the herd and they average over 600 fat on 2X. One of his best daughters, Starkdale Prim, has 582 at 2-6; 669 at 3-7; and 737 at 4-9.

STARKDALE FARMS

James Stark, Owner - Pawling, N. Y.

Cert. - Acc. - Vacc.

GIVE A CHRISTMAS PRESENT TO YOUR HERD

with one of these 3 sons (over 600 lb. dams) of

PINE ARBOR WALKER FOBES DEAN, Excellent

All American Junior Yearling Bull, 1950

1956 Grand Champion at the Arkansas State Fair, Texas Black and White Show, West Texas Fair and Four States Fair.

Son of the EX-GM Pabst Roamer Dean Walker Lad.

Twin sons - born 10-10-56. Dam: Govic Burke King Piebe "VG" 5-2 3X 344 days 17150 M 622 BF. Grand Champion, Texas State Fair, 1953 (VG mammary system with VG fore and EX rear). Dtr. of our Silver Medal Type Sire, Inglecroft Governor Burke Victor (Big Shot).

Son born 9-13-56. Dam: Ormsby Burke Ann Admiral, GP. 3-5 3X 365 days 17265 M 637 BF (started off this lactation with 103.7 BF for October). Her dam is daughter of the "EX" Pabst Burke Premier and just completed 602 BF record.

Write for further pedigrees and for our free Carrington Farms Directory . . . Also, come to see us.

Joe C. Carrington
Owner

CARRINGTON FARMS

Jack Kay
Manager

Mail Address: Box 1175 AUSTIN, TEXAS 7 Mi. South on HWY 81

Another Great Leader Daughter

Plain View Ormsby Carol

She is one of the eight Excellent cows bred here; she was first prize aged cow (dry) at the Wis. State B & W Show at Pabst Farms last June for Elsmer Berg & Son, Brownsville, Wis.

"Carol" is a daughter of our former herd sire, Wis Leader, and has 2X records at 3 & 4 yrs. of 645 and 669 F. Next month our first calves (some from Leader daughters) will be arriving by Wis Raven Cyclone, son of Wis Blackberry, 865-lb. daughter of Weber Burke Cyclone.

— **Now** —for sale — a son of Pabst Cyclone from a VG Leader daughter—write us about him or come and see him.

Plain View Farm

(Where Good Udders Mean A Lot)
ARTHUR IMIG, EST.
NEILLSVILLE WISCONSIN

THE ROYAL WINTER FAIR

(Continued from page 14)

strong class and members of the winning get). The two Romandale cows were bred by W. A. Petherick, Campbellford, Ontario, winning him the Holtby Trophy for the best two animals in the show from one breeder.

Sheffield Farms, St. George, Ontario had the top Junior Herd, while Pickard & Clark took coveted top honors in the Breeders Herd class.

Pretty Shirley Jackson of Calgary, Alberta, granddaughter of Charles Cox, one of Alberta's leading Holstein breeders, did an exceptional job of showing to receive the Lawara trophy as the best junior showman. This is the first time a girl has won this trophy.

The Wisconsin State Herd, headed by the two grand champions, also included Sunny Lea's third prize aged cow in milk, Nelson's first prize dry 2-year-old and their second prize senior yearling bull, Gray View Skyliner, and Ralph Draeger's 14th prize winner in the strong senior yearling heifer class, Future Hope Commander Blacky.

J. J. E. McCague won the M. L. McCarthy silver tray for the best dam and daughter of any age, bred and owned by exhibitor, with his junior champion heifer and her dam, Glenafton Bonheur Colantha, 8th in the dry 4-year-old class.

The offspring of four popular Canadian sires were top contenders in many of the classes. J. M. Fraser's Spring Farm Fond Hope (4th aged bull) sired two first prize winners including the junior champion bull, and six others in second place in the individual classes. Five of these were 2, 3, and 4-year-olds. His junior get placed fourth.

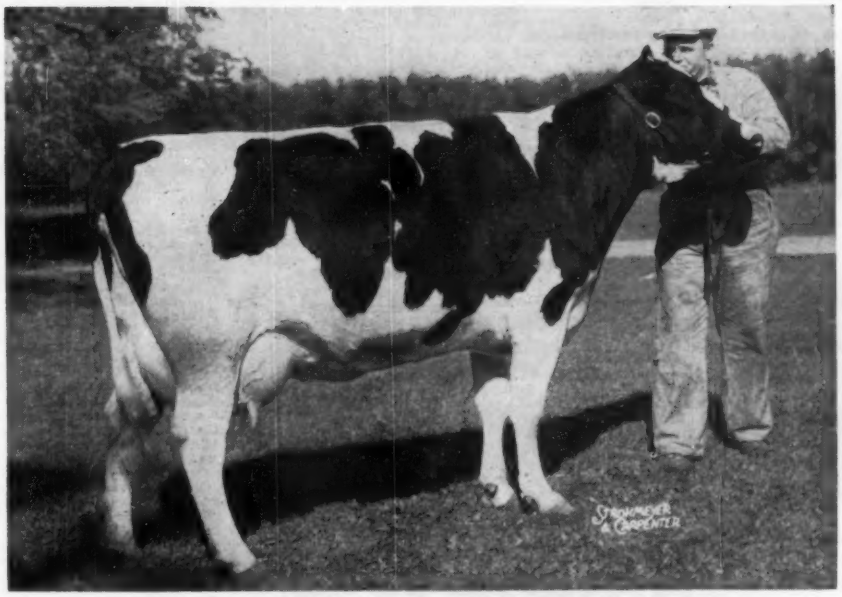
A. B. C. Reflection Sovereign sired the first and second prize dry aged cows, the third prize dry 4-year-old and the first prize junior yearling heifer and reserve junior champion, his junior get placing second.

Franlo Gen Treasure Model sired the first prize senior yearling bull that was junior and reserve grand champion, plus a second, a third and two fourth prize winners, with his junior get placing third.

The Glenafton-Bond Haven sire, Rosafe Centurion, had the first and fourth prize senior yearlings (including the junior champion), and the third and fourth prize junior yearlings. He also had three daughters in the 2-year-old classes. Of these, last year's junior champion, Glenafton Nettie Vee, owned by Raul Mascarenhas of Argentina since last year's Sale

(Please turn to page 44)

Four Consecutive Records Over 1100 Lbs. Fat Are Made On PIONEER Dairy Feeds



MOOSEHEART PRINCESS STAR SETS NEW ILLINOIS STATE RECORD

7y 8 mo.	365d	3X	30,371	4.6	1397
6y	365d	3X	26,831	4.4	1185.9
5y	365d	3X	24,732	4.7	1151.6
3y 6 mo.	365d	3X	22,644	5.1	1144.6

Owned by Mooseheart Farm, Mooseheart, Illinois

Good Cows, Good Management, and PIONEER FEEDS Make Great Partners!

For full details on the PIONEER FEEDING PROGRAM see your hometown PIONEER dealer or write . . .

HALES & HUNTER CO.

141 W. Jackson Blvd., Chicago 4, Ill.

Mills at: Chicago, Ill. . Lexington, Ky. . Marshall, Mo. . Wilmington, Del. . Cartersville, Ga. . Springdale, Ark. . Mentone, Ind.

PIONEER DAIRY FEEDS

OFFICIAL CANADIAN EXTENDED PEDIGREES

"They Help You Sell"

UP-TO-DATE — COMPLETE — FULL OF FACTS

Typewritten Pedigrees, four generations, Red and Blue — $2.50 each.
(A carbon copy is supplied free)

25 copies	$4.00	75 copies	$5.00
50 copies	4.50	100 copies	5.50

Dam-Daughter Comparison — Sire Analysis — Research

Pedigree Department
THE HOLSTEIN-FRIESIAN ASSOCIATION OF CANADA
Brantford, Ontario, Canada

FOR TROUBLE-FREE OPERATION OF YOUR PIPELINE MILKING SYSTEM — GET A

• RELEASES UP TO 400 GALLONS OF MILK PER HOUR

CHORE-BOY KLEEN-FLO

• WASHES ENTIRE SYSTEM IN PLACE FASTER & CLEANER (Patents pending)

MILK RELEASER AND PIPELINE WASHER

Send today for FREE Dairy Barn Plan Kit
FARMER FEEDER CO., Inc., Dept. 61, Cambridge City, Indiana

LOOK for this NEW label

2¢ a day

or Replacement Cost

How much to replace a cow? Would you spend 2¢ per cow per day for KOW-KARE to offset sluggish milkers, aid overworked organs of heavily fed producers? KOW-KARE means better feed-to-milk conversion; builds against freshening strains, helps assure stronger calves, continued high production.

New Vitamins A, D and E!

KOW-KARE contains 4,000 units of powerful Vitamin A per ounce, Vitamins D, E, minerals, tonic drugs. Used by successful dairymen. 3 sizes at all stores. Get it today.

WRITE:
FREE Cow Book
Useful, easy-to-understand, illustrated, 24 pages, "Care and Feeding of Dairy Cattle", written by a Dairy Authority. Send postal to:
DAIRY ASSOCIATION COMPANY
Lyndonville Vermont

SAVE 33%... buy 50 lb. Drum

ROYAL WINTER FAIR (from p. 42)

of Stars, was third prize 2-year-old in milk. His junior get placed first.

(WTP)

The placings in each class were as follows:

Junior Bull Calf (23):
1. Sheffield Supreme Dusty 257580, Sheffield Farms & Eby Bros., St. George, Ont.; 2. Shore Count Rocket A. 256249, Hardy Shore & R. H. Woods, Glanworth & Thorndale, Ont.; 3. Fond Lad 257561, R. J. Stewart, Streetsville, Ont.; 4. Bond Haven Centurion Emblem 256264, C. J. Cerswell, Beeton, Ont.; 5. Meekabode Benefactor Sam 258401, Harold J. Meek & Sons, Erin, Ont.; 6. Carl Model Hope 258339, Hallward & Houck, Brampton, Ont.; 7. Glenafton Rag Apple Classic 259045, J. J. E. McCague, Alliston, Ont.; 8. Glenafton Aristocrat 259-043, J. J. E. McCague.

Senior Bull Calf (16):
1. Rockwood Baron P. Anthony 254-609, Pickard & Clark & B. W. Naylor, Carstairs, Alta. & Maple, Ont.; 2. Springbank Model Fame 254685, Elgin Cunnington, Brampton, Ont.; 3. Summit View Reflection Joe 254731, Irvin B. Brubacher, Bridgeport, Ont.; 4. Clearcreek Model 255362, Oxford & District Cattle Breeding Ass'n, Woodstock, Ont.; 5. Sheffield Supreme Chico (Twin) 256606, Sheffield Farms & Howard Gowland, St. George & Milton, Ont.; 6. Romandale Reflection Ace 257108, Romandale Farms, Ltd., Gormley, Ont.; 7. Spring Farm Fond Expectation 255-668, J. M. Fraser, Streetsville, Ont.; 8. Kenwall Model 254298, Walter P. Lusby, Amherst, N. S.

Junior Yearling Bull (11):
1. Spring Farm Fond Tom 251860 J. M. Fraser & Georges R. Gladu, Streetsville & Sutton, Ont.; 2. Spring Farm Piebe 251859, J. M. Fraser; 3. Brecknock Prince Armand 252096, John Williams, Meadowvale, Ont.; 4. Romandale Supreme 254607, Romandale Farms Ltd.; 5. Quin Lynn Duke of Lawara 1253200, Lewis S. Bell, Interlaken, N. Y.; 6. Browview Pabst Fifty-Five 251-647, James T. Brown, Newcastle, Ont.; 7. Hylandview Sir Rag Apple Pabst 251902, B. & E. Stewart, Stoney Creek, Ont.; 8. Lawara Anna Dandy 1252007, Lewis S. Bell.

Senior Yearling Bull (9):
1. Cash Mar T M Pell City 1251057, James B. Cagle & C. M. Bottema, Bridgeport, Ind. & Pell City, Ala.; 2. Gray View Skyliner 1244845, Harvey A. Nelson & Sons, Union Grove, Wis.; 3. Walhill Prince 251727, Bruce S. Beer & Fradol Farms, Ltd., Brampton, Ont.; 4. Pabst Leader Sir Regal 1249418, Pabst Farms, Inc., Oconomowoc, Wis.; 5. Romandale Starbright, Romandale Farms, Ltd. & Maple Cattle Breeders, Gormley, Ont.; 6. Beckhaven Rag Apple Souvenier 250586, Floyd Becker & Son, Ayr, Ont.; 7. Bonnie Francy Hello Tycoon 250243, A. G. Hunter, Burlington, Ont.; 8. Poestenkill Model Regal 255-595, Courtney B. Lusby, Amherst, N. S.;

2-Year Old Bull (7):
1. Smithcroft Snowball Rocket 245456, Oxford & District Cattle Breeding Ass'n.; 2. Shore Radiant 245484, Howard E. McCutcheon & Hardy Shore, Glanworth & Thorndale, Ont.; 3. Rosafe Sovereign Supreme 249633, Hector I. Astengo & Sheffield Farms, Brampton, Ont.; 4. Rosafe Preceptor 247186, George R. McLaughlin, Oshawa, Ont.; 5. Rosafe Signet 249530, J. J. E. McCague; 6. Rosafe Ensign 250681, E. C. Brown & Sydney Gill, Welland, Ont.; 7. Mow Pabst Posch 248589, M. H. Farms, Milliken, Ont.

3-Year Old Bull (9):
1. Pabst Fobes Burke 1166103, Pabst Farms, Inc.; 2. Cash-Mar Ormsby Jerry 1138441, C. M. Bottema, Jr., Pell City, Ala.; 3. Carnation Northman 248655, William Kenneth MacLeod, Disraeli, Que.; 4. Spring Farm Fond Hope 212300, J. M. Fraser; 5. Spring Farm Reflection 248207, J. M. Fraser; 6. Tralynd Royal Prince 243652, Alfred Schmocker, Copetown, Ont.; 7. Summitholm Enterprise 239917, Joe Leowith; 8. Voyageur Boy Jim 246810, Walter Almond, Smithville, Ont.

Senior and Grand Champion Bull:
Pabst Fobes Burke 1166103, Pabst Farms, Inc.

Reserve Senior Champion Bull:
Smithcroft Snowball Rocket 245456, Oxford & District Cattle Breeding Ass'n.

Junior Champion Bull and Reserve Grand Champion:
Cash Mar T M Pell City 1251057, James B. Cagle & C. M. Bottema.
Reserve Junior Champion Bull:
Spring Farm Fond Tom 251360, J. M. Fraser & Georges R. Gladu.
5-Year Old Cow Not In Milk (11):
1. Pluto Sovereign Gertie 956217, Romandale Farms, Ltd.; 2. Treylon Betty Anne Posch 932978, Pickard & Clark; 3. Elmcroft Adeen May 832840, Romandale Farms Ltd.; 4. Acme Tzema Rockette 918333, Pickard & Clark; 5. Nancy Comet Fond Hope 956931, J. M. Fraser; 6. Parcroft Texal Caroline 914-632, Sheffield Farms; 7. Jane Charlesholm Abbekerk 899734, Gordon Ainslie, Curries, Ont.; 8. Vinedale Bonnie 872906, Lake Aylmer Farm.
4-Year Old Cow Not in Milk (13):
1. Fair Hill Golden Alma, Edwin C. Fry, Gaithersburg, Md.; 2. Kilcurry Fond Ellen 978554, J. M. Fraser; 3. Gordella Corabelle 976376, Pickard & Clark; 4. Monogram Voyageur R. A. 964814, Wilfred James, Sarnia, Ont.; 5. Glen Elda Fond Burke 967901, J. M. Fraser; 6. Charlesholm Posch Sovereign A., 1016549, Albert E. Cornwell, Norwich, Ont.; 7. C. V. Voyageur Pat 980188, Gordon W. Innes, Woodstock, Ont.; 8. Glenafton Bonheur Colantha, Glenafton Farm.
3-Year Old Heifer Not In Milk (12):
1. Sprucehaven Rag Apple Doris 105-0852, William G. Hammond, St. Pauls Station, Ont.; 2. Waylea Fond Debonnaire 1049044, Romandale Farms Ltd.; 3. Glenvue Rosine Midnight (twin) 1044048, D. S. Dunton & Sons, Brampton, Ont.; 4. C. V. Wing Pascoe 1052013, Gordon W. Innes; 5. Spring Farm Fond Mildred 1068851, J. M. Fraser; 6. Plain View Bessie May 3856717, Sunny Lea Farm, Waukesha, Wis.; 7. Coequid Vanity Fair 1066088, Dickie Bros., Truro, N. S.; 8. Hazelwood Rag Apple Lorna 1050931, F. Roy Ormiston, Brooklin, Ont.
2-Year Old Heifer Not in Milk (12):
1. Grayview Pet Crystal 3882120, Harvey A. Nelson & Sons; 2. Romandale Helbon 1151002, Romandale Farms, Ltd.; 3. Kingstead Burke Star 3787104, Leslie C. King, Clarksburg, Md.; 4. Molly Snowden 1138437, J. H. Hays, Carstairs, Alta.; 5. Glenafton Nettie Tensen 1110422, J. J. E. McCague; 6. Zeldenrust Mistress Melody 4200939, C. M. Bottema, Jr.; 7. Sheffield Paulette Countess (twin) 1097748, Sheffeld Farms; 8. Nic-A-Bar Mistress Snow, Harold E. Nickel, Gowanstown, Ont.
Senior Yearling Heifer (32):
1. Glenafton Nettie Colantha 1170690, J. J. E. McCague; 2. Spring Farm Fond Sally 1157458, J. M. Fraser; 3. Acme Bonnie Jewelette 1175043, Pickard & Clark; 4. Glenafton Nettie Coleen 1155490, J. J. E. McCague; 5. Romandale Reflection Gerry 1204264, Romandale Farms Ltd.; 6. Eastwood Pearl S. Roburke 1166786, R. F. Brown, Paris, Ont.; 7. Rovelon Wingy 1156439, Orton E. Aby, St. George, Ont.; 8. Monocacy Meadows Sadie 3923527, Ray H. Smith & Son, Frederick, Md.
Junior Yearling Heifer (23):
1. Shore Shamrock Tensen 1217739, Hardy Shore; 2. Emeraldale Arrow Lorna 1183024, A. H. McKane, Georgetown, Ont.; 3. Lodestar Nettie Roxie 1186444, James A. McCague; 4. Glenafton Nettie Bonheur Linda 1204857, J. J. E. McCague; 5. Browndale Brenda Royal Hope 1180390, R. F. Brown, Paris, Ont.; 6. Highcrest New Year Lass 1179-157, R. C. Briggs, Edmonton, Alta.; 7. Maple Lea Souvenir Midnight 1179691, John H. Gillespie, Galt, Ont.; 8. Glenafton Nettie Patsy Pietje C. 1179331, J. J. E. McCague.
Senior Heifer Calf (30):
1. Gracelyn Design Lady 1235925, Pickard & Clark; 2. Sheffield Supreme Darlene 1239309, Sheffield Farms; 3. Abegweit Ovation 1215597, Estate of J. Walter Jones, Charlottetown, P.E.I.; 4. Glenafton Nettie Colleen B. 1230887, J. J. E. McCague; 5. Marfield De Kol Josie 1219405, Marshall Bros., Welland, Ont.; 6. Westmount Corine Banostine 1226194, J. D. Innes; 7. Romandale Highcrot Rose 1248867, Romandale Farms, Ltd.; 8. Curlbrook Monarch Bambola 1240530, Torello Puccini, King, Ont.
Junior Heifer Calf (23):
1. Dewdrop Lordell Violet 1247391, W. K. Knapp, Galt, Ont.; 2. Shore Tensen Finella 1252286, Hardy Shore; 3. Homey Rennie Model Texas 1262451, Neil Malcolm, Burketon Station, Ont.; 4. Maplenix Black Magic 1268034, Leslie Nixon & Son, Vankleek Hill, Ont.; 5. Westmount Corine Patsy 1253144, J. D. Innes; 6. Johnson Rosafe Foxy 125-2332, Johnson Bros.; 7. Bonnie Jean Mistress 1251343, Edward W. Dickie; 8. Sheffield Supreme Valentine 1259521, Sheffield Farms.
2-Year Old Heifer In Milk (22):
1. Texal Fond Hope Sparkie 1155614, Romandale Farms Ltd.; 2. Glenvue Fond Carmen, D. S. Dunton, Brampton, Ont.; 3. Glenafton Nettie Vee 1091002, J. J. E. McCague; 4. Zeldenrust Valiant Lady 3796459; 5. Merking June Ovation 3759050, Merhle U. King, Germantown, Md.; 6. Way Brook Duchess Dillis B. 1106114, Orvan Chambers, Wilfrid, Ontario; Elmcroft Sita Fayne Fanny 1090584, George R. McLaughlin; 8. Glenvue Babe Midnight 1101390, D. S. Dunton & Sons.
3-Year-Old Heifer In Milk (18):
1. Lonelm Rag Apple Marjory 105334, Sheffield Farms; 2. Hillview Mercedes Polly Burke 1044310, R. F. Brown & Sheffield Farms, Paris & St. George, Ont.; 3. Acme Betty Rockette 1087525, Pickard & Clark; 4. Cash Mar Corrine Black Beauty 1136448, Hallward & Houck, Brampton, Ont.; 5. Elmcroft Sita Fayne Milly 1034610, George R. McLaughlin; 6. Elloc Burke Fond Clara 3669644, Mr. & Mrs. J. A. Archambault, Woodsworth, Wis.; 7. Gracelyn Banostine Jewel 1021308, Charles Cox, Calgary, Alta.; 8. Lowe Lane Comet Judy 3713354, Sunny Lea Farm, Waukesha, Wis.
4-Year Old Cow In Milk (16):
1. Almerson Rocket Supreme 967471, Romandale Farms Ltd.; 2. Plain View Amy Lass 3548816, Pabst Farms, Inc.; 3. Allene Maple Betty Jean, 1012061, Romandale Farms, Ltd.; 4. Plain View Kitty 3434072, Pabst Farms, Inc.; 5. Romey Pauline Inka Ruby 3719953, Mr. & Mrs. J. A. Archambault; 6. Ruthven Fond Ann 979470, J. M. Fraser; 7. Elloc Burke Sovereign Grace 3479614, Mr. & Mrs. J. A. Archambault; 8. Cash-Mar Triune 4090202, C. M. Bottema Jr.
Cow 5 Years and Over, In Milk (26):
1. Plain View Inga 3375453, Pabst Farms, Inc.; 2. Balsam Brae Pluto Sovereign 946158, F. Roy Ormiston, Brooklin, Ont.; 3. Linden Dictator Wimble Wimpy 3466738, Sunny Lea Farm; 4. Waybrook Duchess Dolly 869835, Orvan Chambers; 5. Kneland Farm Annabel 814375, Romandale Farms Ltd.; 6. Bonnie Lonelm Texal High 857432, Romandale Farms, Ltd.; 7. Texal Francy Wayne 709312, Romandale Farms, Ltd.; 8. Nena Johanna Pietertje 3255374, Sunny Lea Farm.
Senior and Grand Champion Female:
Plain View Inga 3375453, Pabst Farms, Inc.
Reserve Senior and Grand Champion Female:
Almerson Rocket Supreme 967471, Romandale Farms Ltd.
Junior Champion Female:
Glenafton Nettie Colantha 1170690, J. J. E. McCague.
Reserve Junior Champion Female:
Shore Shamrock Tensen 1217739, Hardy Shore.
Hawkherst Challenge Trophy:
Balsam Brae Sovereign 946158, Roy Ormiston.
Dairy Herd:
1. Romandale Farms Ltd.; 2. Sunny Lea Farm; 3. Pabst Farms Inc.; 4. Pickard & Clark; 5. Sheffield Farms; 6. J. M. Fraser; 7. George R. McLaughlin.
Senior Get of Sire:
1. Wis Leader 915940, Pabst Farms, Inc.; 2. Lonelm Texal Highcroft 160321, Romandale Farms, Ltd.; 3. Elmcroft Scepter 186376, George R. McLaughlin; 4. Spring Farm Fond Hope 212300, J. M. Fraser; 5. Franlo Gen Treasure Model 248598, Hallward & Houck; 6. Spring Farm Fond Hope 212300, J. M. Fraser; 7. Spring Farm Fond Hope 212300, Romandale Farms Ltd.; 8. Elmcroft Voyageur M. 197964, Gordon W. Innes.
Junior Get of Sire:
1. Rosafe Centurion 239301, J. J. E. McCague; 2. ABC Reflection Sovereign 198998, Romandale Farms Ltd.; 3. Franlo Gen Treasure Model 248598, J. D. Innes; 4. Spring Farm Fond Hope 212-300, J. M. Fraser; 5. Spring Farm Reflection 248207, J. M. Fraser; 6. Rosafe Sovereign Supreme 249633, Sheffield Farms; 7. Hickoryvale Admiral Mon-

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Donnie					
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	3y 8m	271d	14098m	3.8%	529*
Flo					
	2y 4m	263d	13950m	3.4%	480*
Belle					
	2y 7m	318d	13848m	3.8%	533f
Dixie					
	2y 4m	365d	13493m	3.4%	462f
Fairy					
	2y 7m	354d	13668m	3.4%	471f
Pozel					
	2y 11m	365d	15868m	3.6%	569f
Maggie					
	2y 5m	365d	17222m	3.7%	640f

(* Inc.)

Chesterton Farm

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John R. Strauss, Owner

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H. WESSELER

Herdsman

arch 1153636, Ray H. Smith & Sons; 8. Pickaway Two-Tone Design 238073, W. A. Wingrove, Campbellville, Ont.

Progeny of Dam (12):

1. Tiny Supreme DeKol 593318, Romandale Farms Ltd.; 2. Plain View Sadie Fobes Lass 2481407, Pabst Farms Inc.; 3. Spring Farm Juliana 739186, J. M. Fraser; 4. Leila Texal 866923, Romandale Farms Ltd.; 5. Montvic Colleen Abbekerk 503501, J. J. E. McCague; 6. Eveermot Alcartra Segis 651164, J. M. Fraser; 7. Beaverloch Texal Doreen 830091, Sheffield Farms; 8. Glenafton Helbon 482776, Romandale Farms Ltd.

Breeders Herd:

1. Pickard & Clark; 2. J. J. E. McCague; 3. J. M. Fraser; 4. Sheffield Farms; 5. Gordon W. Innes.

Junior Herd:

1. Sheffield Farms; 2. J. J. E. McCague; 3. J. M. Fraser; 4. Courtney B. Lusby.

Premier Breeder:

Glenafton

Premier Exhibitor:

Romandale Farms Ltd.

Senior Get of Sire Challenge Trophy (donated by Haley & Lee)

Pabst Farms, Inc.

Progeny of Dam — Russell Reid Memorial Challenge Trophy:

Romandale

M. L. M'Carthy Silver Tray (for best dam and daughter any age bred and owned by exhibitor):

Mort Butchers, James T. Brown

Holtby Challenge Trophy, Winning Produce:

Romandale

Ho'stein-Friesian Challenge Trophy (for State Herd):

Wisconsin

BARTLETT BULL TO IOWA

John Bartlett, Oshkosh, Wisconsin reports the sale of a son of Wis Leader to Willis and Milton Meier of Farmersburg, Iowa. The calf, Meriwether Leader Rubert, is out of Meriwether Fobes Rubie (VG), a granddaughter of the Bartletts' well known "Phoebe" brood cow through her VG son, Meriwether Fobes Triune. The dam has a 2X junior 3-year-old record of 18453 3.7% 676, made following surgery for hardware.

ROYAL NOTES

The exhibitor with the best batting average was probably Hardy Shore of Glanworth, Ontario. He brought four head to the show, winning a first and reserve junior championship, and three second prizes.

* * *

Durno Innes was wearing an Old Timers pin, having exhibited at the Royal every year since it was started in 1922. The show is 35 years old, but has had seven blank years while the grounds were occupied for war-time purposes.

* * *

The Holsteins compared well with the Jerseys and Ayrshires in the Sale of Stars series. The Jersey sale averaged $890 with a $4500 top. The Ayrshires brought a $499 average with a top price of $1,275.

* * *

Leness Hall represented Carnation Milk Farms at the show. We learned

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that Carnation is now going seriously into the breeding of registered Herefords, having just purchased a new herd sire for $10,000. They have a herd of 125 head at present and expect to build it to 250 animals. Carnation, you may be surprised to learn, also breeds Scotch Terriers, Cocker Spaniels and Labrador Retrievers. They exhibit dogs at the Madison Square Garden show and the National Field Trials.

• • •

Tom and Harry Hays, wishing to make an entry in the Royal Winter Fair flower show, went to a Toronto florist to purchase their mums. The florist explained that he, too, was exhibiting mums and would let them have what was left after he had arranged his own exhibit. Who won? Why, Harry and Tom, and the premium money came within $9.00 of paying for the blooms!

• • •

South Americans noted at the ringside were Guido DiTella, Hector I. Astengo and Raul Mascarenhas of Argentina, and L. Del Campo of Ecuador.

• • •

John McVinnie, of Mooseheart, Ill., took in the Holstein show at the Scotland, where he will spend four months.

• • •

State Secretary and Mrs. R. B. Howard of Dundee, Ill., brought with them Bob Smage of Woodstock, and Harry Simons, of Margengo, respectively the Illinois Champion 4-H and FFA boys. The trip to the Royal is the award for attaining these high honors, given by the Illinois Holstein-Friesian Ass'n. While in Toronto, they were invited to take part in the Canadian 4-H Council in session at the time.

• • •

Rockwood Rocket Tone, last year's 1st prize aged bull, senior and grand champion at both the International Dairy Show and the Royal Winter Fair and All-American aged bull, was reported to have broken a leg and to be in serious condition at the time of the Royal.

• • •

Buddy Hill, manager of Logwood Farms, Maryland, reported that their aged cow, Prosperity Hill Sesame Fobes, 1955 Reserve All-American aged cow, freshened three weeks before the Royal with a heifer calf weighing over 150 lbs. Fobes was milking 100 lbs. a day at the show on 3X.

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Wm. Penn Hotel
Chicago, Ill. ..... Feb. 12-16
Maryland, Hotel
Kansas City, Mo. ..... Feb. 19-23
Pickwick Hotel
Seattle Wash. ..... Mar. 12-16
New Washington Hotel
Twin Falls, Idaho ..... March 19-23
Rogerson Hotel
Fresno, Calif. ..... Mar. 26-30
Fresno Hotel
St. Paul, Minn. ..... Apr. 16-20
Ryan Hotel
Winnipeg, Man. Can. ..... Apr. 23-27
Royal Alexandra Hotel

Monday evening after the first day of showing, Mr. and Mrs. Leslie C. King, Irvin King, Ray Smith, all of Maryland, and John Melchor, Pennsylvania, and Bob McKown of the World drove to Glenafton Farm, Alliston, Ontario. They arrived in time for the 8:30 p. m. milking and were much impressed with the herd.

* * *

Mr. and Mrs. Gordon Newton, Gorlib Farm, Tatum, S. C., motored with Mr. and Mrs. Norris Earnshaw to Woodbourne Farm, Dimock, Pa., on the first leg of their trip home to South Carolina.

GRAND NATIONAL SALE

(Continued from page 16)

buying ten head for $4805. Eight animals reached $1000 and over. R. E. "Bob" Stanley, Paramount, Calif., was the auctioneer and Frank Hopkins, San Jose, headed the sale committee.

Wallace Lindskoog, Turlock, Calif.
(M) Tidy Burke Forty-Niner (7-56) $3200
(E. A. Dawdy, Salina, Kans.)
Max Herzog, Sleepy Hollow Certified Milk Co., Petaluma, Calif. (5)
Sequoia Var Josie (4-54) $1250
Sequoia Jo Jo Gold Dust (9-55) 525
(Sequoia Ranch, Springville, Calif.)
Hedegard Jo Mercena (6-54) 500
Hedegard Jo Gabriela 435
Vad Jelton, Healdsburg, Calif. (6)
Billy Kent Pepper Janie (2-55) 1100
(E. A. Dawdy)
Arlinda Elsie Gold (9-54) 1100
(Arlinda Holsteins, Wallace Lindskoog, Turlock, Calif.)
Poly Ideal Fran (4-53) 1025
(California State Polytechnic College, San Luis, Obispo, Calif.)
Adohr Justice Hostess (1-53) 700
(Adohr Farms, Camarillo, Calif.)
Napstahos Lucia Julius Aaggie (7-54) 460
(Napa State Hospital, Imola, Calif.)
Maurice A. Ketscher, Reedley, Calif.
Los Robles Emperor Lyons Lad (9-55) 1100
(Frank Hopkins & Son, San Jose, Calif.)
Henry Sterk, Artesia, Calif. (4)
Midland Magic Avis (1-55) 1000
(Midland Holstein Farm, Ceres, Calif.)
Carnation Mutual Suzy Lola (8-48) 900
(Carnation Milk Farms, Carnation, Wash.)
W. Leland Small, Tulare, Calif.
Carnation Nona Skylark Superior (1-56) 1000
Carnation Nona Hello Jessie (1-56) 800
(Carnation Milk Farms)
Dr. Gerald C. Hill, Riverdale, Calif (10)
Los Robles Empress Segis Della (3-54) $825
(Frank Hopkins & Son, San Jose, Calif.)
Beauty Janet Var (9-54) 600
(Wesley G. Clark, Hanford, Calif.)
Grisetti Skylark Bess Maid (6-54) 510
(John Grisetti, Soledad, Calif.)
Yokohol Magic Mary (1-56) 500
Yokohl Hello Gettie (10-55) 485
(James H. Reed, Visalia, Calif.)
Sleepy Hollow Grand Dairygirl (8-54) 475
(Sleepy Hollow Milk Co.)
Dairyfolks Jill Inka Val 3 (7-55) 450
(A. P. Ireland & Son, Forest Grove, Ore.)
Walterhof Dottie Zula (9-54) 410
(William Walter, Lemoore, Calif.)
Edjoben Burke Carlotta (11-54) 400
(B. A. McNees, Visalia, Calif.)
Frank Pellissier, Pico, Calif.
(M) Polytechnic Rose Leader 800
(Dairy Club, California State Polytechnic College, San Luis Obispo, Calif.)
Frank Hopkins, San Jose, Calif.
Verboon Ardee Echo (1-55) 725
(John Verboon, Hanford, Calif.)
Tom A. Nunes, Jr., San Rafael, Calif.
E M C Husker Wayne (2-51) 700

(Ed M. Cate, Jr., Tulare, Calif.)
J. C. Andressen, Fresno, Calif.
Empress Burke Bessie (11-54) ... 635
(Howard & Eugenia Champlain, San Jose, Calif.)
Alan Herzog, Petaluma, Calif. (3)
Diamond S Creamry C B Dujo (9-52) ... 600
(Diamond S Ranch, Waterford, Calif.)
Sangard Jo Cindy (8-54) ... 450
(Sanford N. Hedegard, Manteca, Calif.)
Flamingo Dairy Farm, Paramount, Calif.
Napstahos Carrie Ideal Hello (6-54) ... 574
(Napa State Hospital, Imola, Calif.)
Bruno Salo, Salinas, Calif.
Rincon Piebe Var Mead (Twin 2-54) ... 560
(Frank Corda, Gonzales, Calif.)
Grisetti & Crow, Soledad, Calif.
Kate Hilmar A Aaggie (9-53) ... 550
(A. C. Polard & Sons, Turlock, Calif.)
Exranco Burke Ormsby De Kol (5-54) ... 450
(Excelsior Farms, Garden Grove, Calif)
Kidd Farms Successor Sylvia (2-54) ... 435
(Kidd Farms, Modesto, Calif.)
Ed Terry, Gustine, Calif.
Sangard Jo Peaches (8-54) ... 525
(Sanford N. Hedegard, Manteca, Calif.)
Norma J. Brumback, Madera, Calif.
Crescent Fobes Blossom (11-45) ... 525
(Jay Bee Stock Farm, Tipton, Calif.)
Mark L. & Bruce W. Borror, Springville, Calif.
Los Robles Echo Charm (2-55) ... 500
(George Hopkins, San Jose, Calif.)
Elmer Cherry, Paso Robles, Calif.
Mendocino Jay Corie Hope (1-55) 500
(Mendocino State Hospital, Talmage, Calif.)
Mendocino Megodex Coriejay (2-55) ... 400
(Mendocino State Hospital, Talmage, Calif.)
Bemac Dandy Blossom Queen (8-54) ... 400
(Jay Bee Stock Farms)
B. A. McNeece, Visalia, Calif.
Teriacres Sexton Prima (10-54) ... 475
(Eugene V. Terry, Gustine, Calif.)
Roger Jessup Farm, Glendale, Calif.
Hedegard Burke Val Honey (5-54) 435
(Larry Alton, Modesto, Calif.)
Mr. & Mrs. John C. Leal, Anaheim, Calif. (4)
Maur-Lind Var Pontiac Patsy (5-51) ... 425
(Maurice Ketscher, Reedley, Calif.)
Avila Bros., Kingsburg, Calif.
(M) Maur-Lind Los Robles Master (6-55) ... 425
(Maurice Ketscher, Reedley, Calif.)
Anthony Tognazzini, Guadalupe, Calif. (2)
Conquistador Curtiss Pontiac (9-55) ... 400
(A. J. Quist, Fresno, Calif.)

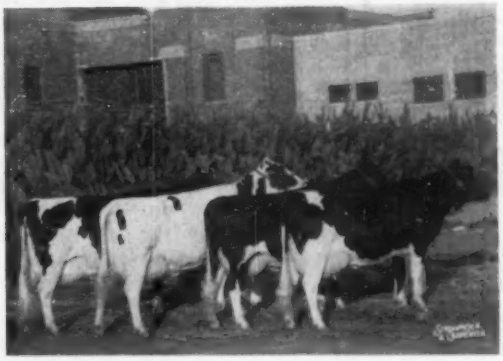
Other buyers were: Jeff Cherry, Glenn Cherry, Paso Robles; West Brasahini, Soledad; Louis Anfdermoier, Jr., Lathrop; George Nunes, San Rafael; Harold Habit, Fresno; Joe F. Mello, Los Banos; Delano Sala, Salinas; and Alvin Quist, Fresno, Calif.

Reported by Allen Johnson, Turlock, Calif.

Bouma Mfg. Co., Ontario, Calif. has a new pipeline valve for which they claim great time-saving features in cleaning and sanitation. They state that by removl of the nipple from the valve and its placement on the milk hose, every part of the valve can be washed automatically. Their product is known as the Bou-Matic valve.

Beacon Milling Company Cayuga, N. Y., has issued a new pamphlet on home grown dairy rations. The booklet deals with the economy and formulation of balanced dairy rations from home grown ingredients. Available free upon request to the company.

The "Leaders" are Predominant



Get of Wis Leader First senior get of sire at Waterloo, second at Chicago, first at Royal Winter Fair for Pabst Farms.

This group of daughters of Wis Leader includes Plain View Inga, grand champion in 1956 at Waterloo, Chicago and the Royal and three state fairs; and the produce, "Kitty" and "Amy Lass," that were first at Chicago and 2nd at Waterloo and the Royal.

Three "Leader" sons available now – one of these from an 87 score dam that made 713-lbs. fat, 2X, at 10 years. Write for details and come and see them.

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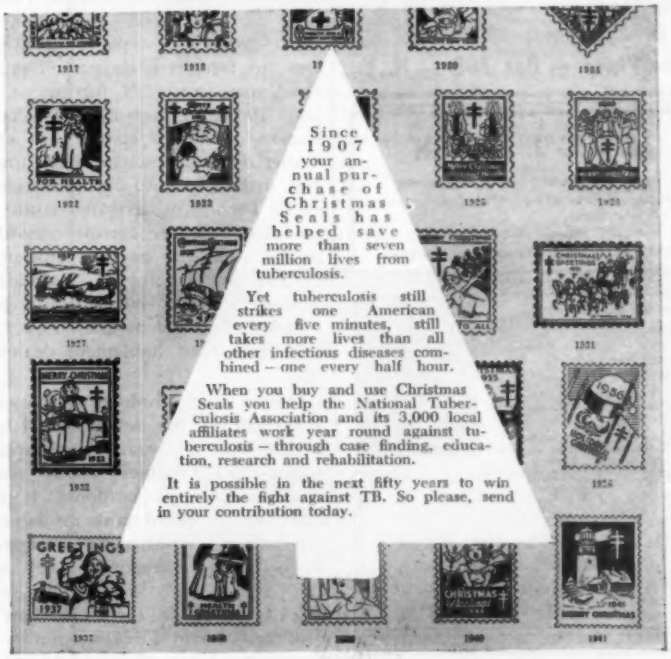

50TH Annual Christmas Seal Sale

Because of the importance of the above message, this space has been contributed by

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New Products . . . . .

Willard Tetor, Bath, N. Y., a New York State dairyman, has developed and put on the market a product which he calls the "Chow-Chart" which is finding rather wide use. It is an identification stall plate for dairy herds. On one side is space to give the name of the animal, sire, dam and record and breeding and calving information. On the reverse of this plate is a slate on which the herd owner can write the grain allowance for the guidance of feeders. Price is 75 cents each for 21 or more, ordered direct from Mr. Tetor.

The Letz Mfg. Co., Crown Point, Ind. has brought out a new "cutting type" grinder which the manufacturers say cuts feed handling and feeding costs and saves work, time and feed. Without changing grinding plates, the new Letz model grinds oats or other small grains, in particular ear corn-small grain mixtures in one operation. Without plate changing it also grinds coarse for beef cattle or medium for dairy cattle. Information obtainable from the manufacturers.

Tractor and Implement Division of Ford Motor Company announces a new hydraulically controlled two-furrow, two-way plow, for which unusual safety, convenience and economy for farmers is claimed. The new Ford plow turns all furrows in the same direction, regardless of the direction of tractor travel, thus eliminating dead furrows or back furrows and makes the two-way plow ideally suited for use on irrigated lands and on hillsides where furrows should be turned uphill to prevent erosion. It is also very useful in maintaining terraces and for contour and strip farming. The new model is now available from Ford implement dealers.

Martin Steel Products Corporation, Mansfield, O. has designed and built a new bulk feed tank appropriately named FEEDispenser. It is usable either indoors or outdoors. It is a tight, weatherproof tank available in three sizes; is constructed throughout of galvanized structural steel with all parts bolted together for easy, quick erection in the field. Low in cost, the Martin FEEDispenser is designed to bring the advantages of bulk feed purchases and handling to small farmers, stockmen and poultrymen, as well as the large commercial operators. Information from your local Martin dealer, or direct from the company.

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Brubacher's 157th Sale
December 12 at 1 p. m.
75 Canadian Holsteins
276 Melrose Ave., Kitchener, Ont.

Don't Miss The Parade of Headliners

in the

WOLVERINE INVITATIONAL and 128th SALE

10:30, Monday, December 10, Williamston, Mich.

80 Head

Featuring . . . THE FABULOUS FORTY!

Forty head of superb INVITATIONAL animals from leading herds of five states and Canada, all individually selected by Everett Miller, for type, for production, for pedigree, including SIX great young herd sire prospects.

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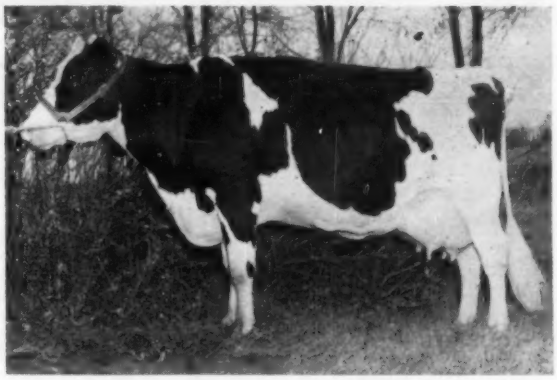
Leonard Hibschman, Syracuse
Jocinah Farms, Marion
John A. Lelito, Crown Point

ILLINOIS

Elmwood Farms, Lake Forest

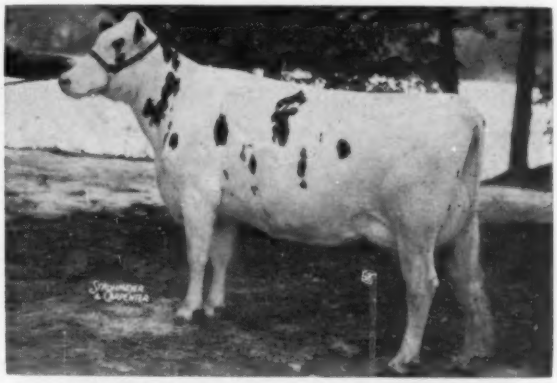
Remember the MILMERES? This One Sells!



MILMERE SEGIS ALICE POSCH (VG-89)

A daughter of the $8,000 Lakefield Iowana Fobes (EX-SMT). Five VG sisters to her averaged $1267 in the Lakefield Sale. She made 475 at 2y, 578 at 3y, milking up to 90 lbs. a day. Her dam is VG with records to 551. Fresh Oct. 10.
—Miller Bros., Sandusky

THE "VG" LAKESIDE COW



LOCUSTDALE GOVERNOR MADELON (VG)

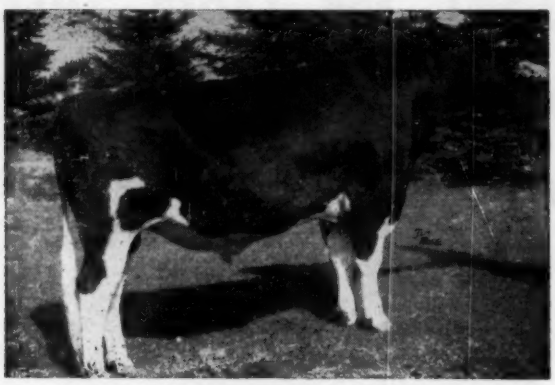
A prize winning 4-yr-old by a grandson of Governor of Carnation and from a VG 593-lb. 2X dam. Bred to a twice 900-lb. son of Spring Farm Fond Hope. Due at sale time.
—Lakeside Farm

C. B. Smith, Sale Mgr. & Auctioneer — Williamston, Mich.

A Parade of Headline Attractions in the

10 Promising Young Bulls — 3 from "Excellent" Dams

SON SELLING from 812-lb. Dam



ROSAFE CENTURION (EX)

C. J. Cerswell consigns a Centurion son out of Rag Apple Historian Snowball (GP) with records of 812, 762, and 668 lbs. fat, 4.2%, 3X, and a 5-lactation average of 110% M and 127% F of BCA. An older maternal brother was All-Canadian Jr. Yrlg. 1951.

SON SELLING from EXCELLENT 708-lb. DAM

WIS BURKE IDEAL (VG-GM)

Dr. H. J. Luxan, Montpelier, Ohio consigns the March son of this popular Gold Medal sire (E. A. Dawdy and COBA) out of the Excellent cow, Stinson Duke Polly with 708 fat on 2X at 8y, and promising well over 700 lbs. in her current lactation at 10y 2m. Get full details on this one!

Walter Lange & Sons, Watertown, Wis. consign a yearling son of Lange Re-Charity, the Pabst Regal son of the Excellent 1042-lb. fat (30,230 milk)Wis Charity. The dam made 639 fat on 2X at 2y and classified VG-89 at 2y, next dam 602 fat, 4.2%, 2X at 4y, next dam 4 records from 717 (at 2y) to 778.2 lbs.

William Warren, Bay City, Mich. consigns a yearling son of Harden Farm Deen Royal (Dunloggin Deen Var from Locvale Master Marcy) out of For-Mar Adessic Echo with records to 760 fat, 17,836 milk on 2X, 4.3%. He was 1st Jr. Yrlg., Bay Co. Fair, 1956.

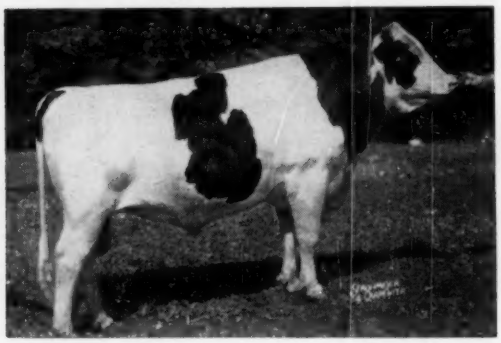
Greene Fenley, Jr., Lake Orion, Mich. consigns a Sel. Ped. bull of service age, sired by Milsons Ormsby Design (S M. Prod. Sire) out of a dam with 2X records to 606.1 lbs. fat, 16,448 lbs. milk.

Mrs. A. J. O'Connor, Swartz Creek, Mich. consigns a son of Erindale Killarney (son of Dunloggin Duchess Anna) from a daughter of Erindale Lauxmont Dunloggin Jewel. This one writes a terrific pedigree!

Harold James, Sarnia, Ont. consigns a March bull calf by Commeydale Sir Bess Pearl out of Rosafe Reflection Mary (12471 3.5 435 at 2y, 305d), a daughter of Inka Supreme Reflection.

Elmwood Farms, Lake Forest, Ill. consigns a great young herd sire prospect that is described on the next page.

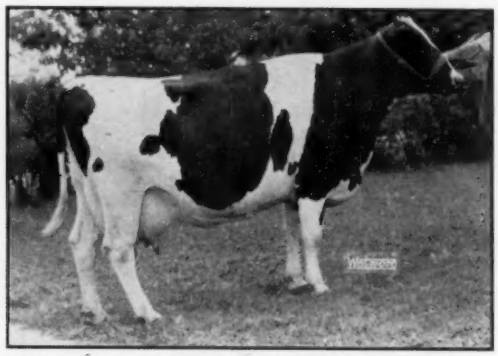
SON SELLING from EXCELLENT 835-LB. DAM



PABST SIR ROBURKE RAG APPLE (EX-GM)

Roy Poth, Brown City, Mich. sends the son of this great Gold Medal sire out of the Excellent, 835-lb. fat Pothdale Monogram Pietje One (also selling—see udder picture on following page). A great Rag Apple pedigree for both type and production. Get the full story on him.

SON of this EXCELLENT COW SELLS



ELMWOOD ADMIRAL FOBES JANE (EX)

The yearling son of this great cow, sired by Willow Springs Crescent Prince (VG), is consigned by John A. Lelito, Crown Point, Ind. She made 15114 lbs. of 4.1% milk, 633 lbs. fat on 2X at 10y (see No. 151 Hickory Creek Catalog for her strong Admiral pedigree).

WOLVERINE INVITATIONAL SALE

70 Promising Heifers and Selected Young Cows

CHOICE HEIFERS LIKE THESE:

Houckholme Fond Pet, a daughter of Spring Farm Fond Hope out of Irmac Rag Apple De Kol Duchess (VG) with a top record of 6y 365d 1040 fat, 3.5% 29,676 milk. Bred in May to Franlo Gen Treasure Model (EX-Gold Medal). **Consigned by J. E. Houck, Brampton, Ont.**

Bond Haven Diplomat Blossom, whose 7 nearest dams average 21,845 lbs. of 3.95% milk, 862 lbs. fat. A daughter of Bond Haven Rag Apple Diplomat (VG), son of Marksman. Her dam made 455 at 2y and 688 at 3y. Bred in May to Rosafe Centurion (EX). She also has a sister selling, bred to Centurion.
From C. J. Cerswell, Beeton, Ont.

Deltona Excellency Salo Lady, a promising 2-year-old from a dam with 503 at 2y and 615 at 4y, and bred to Weejoe Gracious Wintorias (Gold Medal). **Consigned by Shirley Willson, Delta, Ohio.**

Pine Row Julia Lochinvar, a 2-year-old daughter of Pabst Roburke Lad from a dam with 18,710 lbs. milk and 654 lbs. fat in 305d. **Consigned by Greene Fenley, Jr., Lake Orion, Mich.**

Erindal Rodee Joe Midge, a 2-yr-old daughter of Erindale Rodee Joe out of a Killarney daughter with 621 lbs. fat and 17413 lbs. milk at 4y. Bred to Minnow Creek Rodee, son of "Delight." **Consigned by Mrs. A. J. O'Connor, Swartz Creek, Mich.**

Rayulmn Lauxmont Betty, the first prize junior calf at Lenawee Co. B & W Show, by Erindale Killarney Esquire. Her dam also consigned, she also by "Esquire," and out of a VG 658-lb. fat, 20,532-lb. milk Erindale dam. **From Wm. Routson, Blissfield, Mich.**

Shore Francoise, a senior yearling daughter of Grand Rang Rag Apple Franco from Shore Tensen Pauls, 3rd 3-yr-old and member of 1st Dairy Herd and 2nd Produce at London, 1956. Bred in May to Raymondale Rag Apple Finest. **Hardy Shore, Glanworth, Ont.**

Monogram Duke Shadyside, a senior yearling heifer from a dam with 20,238 lbs. milk, 668 lbs. fat on 2X and classified Very Good. Bred in April to Raymondale Rag Apple Finest. **From P. C. DeGraaf, Woodstock, Ont.**

Udder of
POTHDALE MONOGRAM PIETJE ONA (EX)

This outstanding brood cow by Hilmac Pietje Monogram is selling with her son by Pabst Sir Roburke Rag Apple (E-GM). She has a great string of records up to 835 lbs. fat. **Consigned by Roy O. Poth, Brown City, Mich.**

SPRING FARM FOND HOPE (E)

His 3-year-old daughter from a 1040-lb. fat dam, carrying calf to Franlo Gen Treasure Model (E-GM) is **consigned by J. E. Houck, Brampton, Ont.**

SELECTED YOUNG COWS LIKE THESE:

Grand Oak Reflection Peggy, a daughter of Roeland Reflection Sovereign (1113-lb. 2X son of A B C Reflection Sovereign). From a VG dam with good records every year, and due in January to Bond Haven Rag Apple Maple. A real "Find" for either show or production. She could be the top buy of the year!

Northern Gate Royal Carol, a daughter of Rex Rag Apple Royal from a daughter of Raymondale Ideal Successor with 20,229 lbs. milk, 698.5 lbs. fat on 2X. **From Rumenapp Bros., Richmond, Mich.**

Linden Dictator Beets Dill (VG), with 10,609 lbs. milk in 305d at 4y 11m. An own daughter of Maytag Ormsby Fobes Dictator (Gold Medal). **From Jocinah Farms, Marion, Ind.**

Marilyn Texal Highcroft, an own 2-yr-old daughter of Lonelm Texal Highcroft (sire of the 1st prize get at Chicago), due with first calf by sale time. **Consigned by D. E. Fraser & Son, Brampton, Ont.**

Trunlan Tri-Burke Jean, with records up to 501 lbs. fat at 3½y, by a VG son of Pabst Roamer. Her dam has two 800-lb. fat records. Fresh by sale time. **From Dr. George Clinton, Leslie, Mich.**

Hickory Creek Lad Violet, 4-yr-old daughter of Hallrose Hazel Lad from the 727-lb. Hickory Creek Supreme Vivian. Bred in March to Hickory Creek Dauntless. **From Leonard Hibschman, Syracuse, Ind.**

Burke Fairslope Dandy with 517 lbs. fat in 304d at 4y, bred in March to a son of Wis Leader. **From Donald A. Williams, Mason, Mich.**

Hazel Pabst Lass with 601 lbs. fat at 2y, a daughter of Pabst Roburke Lad, fresh by sale time to Southern Cross Della Prince. **From Harold Gawthrop, Etna Green, Ind.**

MAYTAG ORMSBY FOBES DICTATOR (E-GM)

Dr. Stefan Ansbacher consigns an outstanding show daughter of this famous sire. A top candidate for "Excellent."

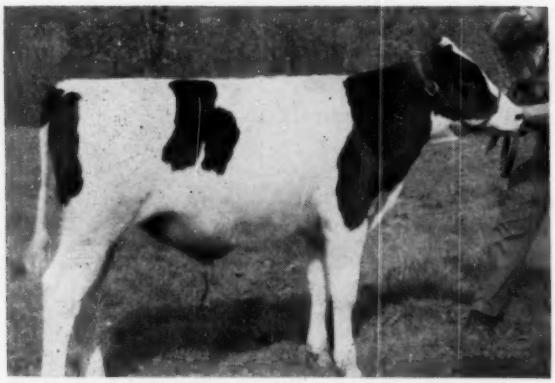
See last issue for other details - -

SALE HEADQUARTERS: The OLDS HOTEL in Lansing, Michigan. For hotel reservations and transportation to the sale pavilion on Sunday, December 9th (open house) and on sale day, please contact the sale management.

C. B. Smith, Sale Mgr. & Auctioneer—Williamston, Mich.

A Bull From One of Our Greatest Families

Selling Monday Dec. 10th — Williamston, Mich.



SKOKIE INKA ROYAL (Selling)

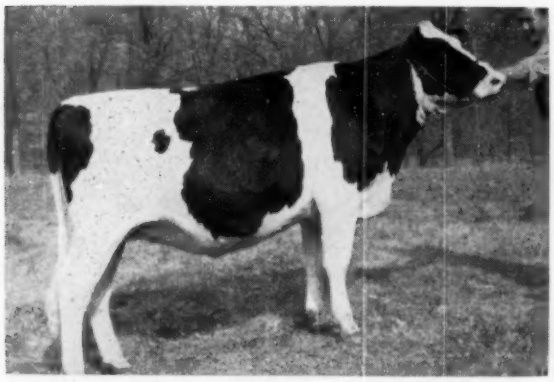
← SKOKIE INKA ROYAL

This outstanding youngster combines two of the greatest families at Elmwood. His sire is Skokie Golden Inka, our jr. herd sire and a son of Skokie Golden Prince (Dunloggin Lochinvar Prince X Dunloggin Golden Princess) and he is a full brother to Skokie Golden Joy (pictured). Royal's dam is Skokie Princess Lill, a "VG" daughter of Dunloggin Lochinvar Prince with records to: 5-4 365d 3X 21,994m 4% 873.8f. Her dam is the great Colony Lilith Fobes Colantha (EX-855f). Royal's dam is a full sister to Skokie Princess Lilith, the National Champion 2-yr-old with 20,135 milk and 932 fat. Royal's maternal sister is Skokie Creation Lill (VG at 2 yrs.), now promising 1000 fat at 3 yrs. and the dam of the top selling animal in the 1955 International Sale at Chicago.

SKOKIE GOLDEN JOY (VG)
2-7 365d 2X 18,657 4.6 867
She is a full sister to Skokie Golden Inka, the sire of the bull selling and the service sire for the heifer.

DUNLOGGIN MISTRESS LA PRINCESS (EX)
5½y 365d 3X 27,478 3.8 1047.6
The dam of Dunloggin Lochinvar Prince and Dunloggin Golden Princess (1046 f.). She appears 3 times in the pedigree of the bull selling.

RAVENGLEN PRINCESS TRIUNE CREATOR (EX)
9-6 350d 3X 20,875 4.2% 880.6
She is the dam and the double granddam of the sire of Ravenglen Creation, the sire of the outstanding heifer pictured below.



SKOKIE CREATION FOBES (Selling)

← This "Creation" Daughter Sells

Born April 3, 1954. Bred March 14 to Skokie Golden Prince. A daughter of Ravenglen Creation (daughters up to 1100 lbs. fat), out of Pietertje Fobes Pabst (VG) with 543 in 305d, she a daughter of Pabst Sir Reamer Fobes (GM) out of Ormsby Burke Pietertje (VG), an 898-lb. daughter of Weber Burke Perfection.

Ravenglen Creation (EX-SMT), the sire of the heifer selling, is our senior herd sire. He is a son of Ravenglen Supreme Triune, the double grandson of Ravenglen Princess Triune Creator (EX-880f) and his dam is Ravenglen Princess Triune Creator giving him 3 close crosses to this great cow.

Creator sired the Reserve All-American Senior Yearling in 1955 and he was the sire of the 1st Junior Get at Waterloo this year.

Bid Last On These Two At The Wolverine Invitational

ELMWOOD FARMS — Lake Forest, Ill.

½ MILE EAST OF ROUTE 42-A, THE FIRST ROAD NORTH OF ROUTE 22

Where Skokie Holsteins Are Bred

Selling a good Holstein is only half the battle. It takes follow-ups to make a sales program click!

It's good business to stay interested in the cattle you sell — to check their progress and performance in the herds of their new owners.

Buyers appreciate hearing about new developments in your herd, especially those pertaining to relatives of the animals they obtained from you.

Properly handled, follow-up contacts have a way of developing into springboards to greater sales. At the same time, they offer an unparalleled opportunity for breed promotion.

The fact that you didn't forget the buyer or his new Holstein as soon as the truck was loaded and the check was cashed reflects your continued interest in "Making the Certificate of Registry Mean More."

THE HOLSTEIN-FRIESIAN ASSOCIATION OF AMERICA

Brattleboro, Vermont

"... making the certificate of registry mean more ..."

TOP COW AT SALE OF STARS
John Malcolm (center) of Sheffield Farms, St. George, Ont. paid the top price for a female of $2,200 for Live Oak Ormsby Sovereign at the Holstein Sale of Stars. At the right is the seller, Gordon Ainslie, Curries, Ont., and at left Orton Eby, herdsman at Sheffield Farms. This cow is classified Excellent and was Reserve Grand Champion at Western Fair this fall.

SALE OF THE STARS

(From page 30)

the aisles. Lloyd Pickard and Gordon W. Innes were the ring leadsmen.

WTP

Following is the complete sales list:

(Sale of Stars-)

Los Nogales Di Telia, Buenos Aires, Argentina (2)
Romandale Supreme (bull), 19 mos. $3,500
(Romandal Farms Ltd., Gormley)
Romandale Reflection Paragon (bull), 8 mos. 3,000
(Romandale Farms Ltd.)

Antonio Reyes, Santa Ana, San Salvador (5)
Rosafe Shamrock Anthony (bull), 7 mos. 2,500
(Hector I. Astengo, Brampton)
Gladibrae Pabst Diana Colantha, 2 yrs. 650
(J. H. Jose & Sons, Newcastle)
Romandale Sylvia, 18 mos. 550
(Romandale Farms Ltd.)
Redford Valdessa Queen, 22 mos. 500
(Arthur G. Lockhart, Woodstock)
Shore Voyageur Gail, 23 mos. 500
(R. H. Shore, Glanworth)

Quinte District Cattle Breeding Ass'n., Belleville, Ont.
Springbank Model Fame (bull), 14 mos. 2,400
(Elgin Cunnington, Brampton)

Sheffield Farms, St. George, Ont.
Liveoak Ormsby Sovereign, 6 yrs. 2,200
(Gordon Ainslie, Curries)

Las Malvinas de Mascarenhas, Buenos Aires, Argentina
Rosafe Shamrock Vivian, 4 yrs. 2,000
(Hector I. Astengo)

M. O. Burpee, Perth, Ont.
Glenvue Fond Carmen, 2 yrs. 1,600
(D. S. Dunton & Sons, Brampton)

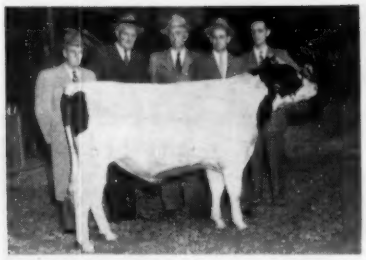
Charles Cox, Calgary, Alta. (3)
Sprucehaven Rag Apple Doris, 3 yrs. 1,500
(Wm. G. Hammond, St. Paul's Sta.)
Seiling Reflection Dale, 2 yrs. 1,150
(Albert Seiling, Elmira)
Rovelon Wingy, 2 yrs. 750
(Orton E. Eby, St. George)

Bailey Farms Ltd., Clover Bar, Alta. (3)
Houckholme Reflection Princess, 2 yrs. 1,500
(J. E. Houck, Brampton)
Lodestar Nettie Roxie, 20 mos. 1,050
(Jas. A. McCague, Alliston)
Abegweit Ovation, 18 mos. 950
(Est. J. Walter Jones, Charlottetown, P.E.I.)

Arthur G. Lockhart, Woodstock, Ont.
Monogram Voyageur R. A., 5 yrs. 1,350
(Wilfred James, Sarnia)

John Fladd, Madison, Wis.
Emeraldale Arrow Lorna, 22 mos. 1,350
(A. H. McKane, Georgetown)

Jun Utunomiya, Hokkaido, Japan
Johnson Cay Monogram, 5 yrs. 1,000
(Johnson Bros., Brampton)



TREASURE MODEL SON TO QUINTE UNIT
Springbank Model Fame, fourteen-month-old son of the noted Gold Medal Sire. "Treasure Model" was purchased for $2,400 at the Sale of Stars, by the Quinte Dist. Cattle Breeding Association of Belleville. At the halter is the consignor, Elgin Cummington of Brampton, while representing the Belleville Unit are, left to right, Stanley Maclin, Cobourg, president; Fred Hubbs, Bloomfield, chairman bull committee; L. H. McCall, Napanee; and Dr. Max McLean, Belleville.

Arthur Ball, Clarence, N. Y. (2)
Aylmer Ruby Killarney Girl, 2 yrs. 950
(W. K. MacLeod, Disraeli, Que.)
Bond Haven Scepter Mina, 2 yrs. 850
(C. J. Cerswell, Beeton)
W. Alex. Snedden, Almonte, Ont.
C. V. Wing Pascoe, 3 yrs. 950
(Gordon W. Innes, Woodstock)

Fred Baer, Fort Plain, N. Y.
Nic-A-Bar Mistress Snow, 2 yrs. 950
(Harold E. Nickel, Gowanstown)

Lewis S. Bell, Interlaken, N. Y.
F. B. Patsy Rue, 4 yrs. 800
(Sheffield Farms, St. George)

Gordon A. Riley, Ashland, Ohio
Browndale Fond Hope Cora, 2 yrs. 750
(Robert F. Brown, Paris)

Georges R. Gladu, Sutton, Que.
Mountain View Lilac Sovereign, 3 yrs. 750
(J. E. Houck & Son, Brampton)

Jose R. Carlos, Guatemala
Acme Bonnie Jewelette, 2 yrs. 750
(Pickard & Clark, Carstairs, Alta.)

Felipe Rodriguez Leon, Caracas, Venezuela
Highcrest New Year Lass, 22 mos. 700
(R. C. Briggs, S. Edmonton, Alta.)

Allen F. Jones, Jamestown, N. Y.
Romandale Highcroft Aggie, 10 mos. 700
(Romandale Farms Ltd.)

Albert E. Cornwell, Norwich, Ont.
Little Acres Beauty, 6 yrs. 675
(Howe Bros., Aylmer, and Weaver Bros., Belmont)

Augustinian Fathers, King City, Ont.
Romandale Carol, 22 mos. 600
(Romandale Farms Ltd.)

Laurent Cordeau, Ste. Madeleine, Que.
Eastwood Pearl S. Roburke, 2 yrs. 600
(Robert F. Brown)

HARVEST OF STARS

(From page 36)

Huntley, Ill.)
Roge Grand Pathfinder Hope (Twin 6-50) 455
(George W. Pfeiffer, Roge Farm, Kankakee, Ill.)
Derridge H. T. Frances (2-52) 450
(Derridge Farm, Mt. Carroll, Ill.)
Pietertie De Kol Aaggie Fobes (12-53) 400
(Taylor Eliason, Zion, Ill.)

Joe Broquard, Forest, Ill.
Butzridge Eva Ideal (4-52) 480
(A. J. Butz & Son, Butzridge Farm, Kankakee, Ill.)

Don Stuaffenberg, Manteno, Ill.
Clanyard Sovereign Mae (8-54) 460
(Wm. McCredie, Claynard Farm, Huntley, Ill.)

Triangle Farm, Gardner, Ill.
"S" Creek Crescent Doris (7-53) 460
(Harold R. Howard, Mooseheart, Ill.)

Silas Albrecht & Son, Tiskilwa, Ill. (3)
Derridge Commander Gail (12-53) 455
(Derridge Farm)

Howard Farm, Dundee, Ill. (2)
Hedge Lane Nobly Pride Grace (8-54) 455
(Donald & Stanley Schumacher, Maple Park, Ill.)

A. J. Butz & Son, Kankakee, Ill.
Mel-Est Pabst Lendale (1-54) 455
(Melvin J. Heisner, Peotone, Ill.)

David Wenden & Marcus Sell, Batavia, Ill.
Glensand Admiral Ingrid (7-53) 440
(Glenwood School for Boys, Glenwood, Ill.)
Hazelridge Dandy Bess (2-54) 400
(Benj. T. Winn, Hazelridge Farm, Richmond, Ill.)

V. D. Washburn, Dundee, Ill.
Abbekerk Piebe Burke Ellen (2-54) 410
(Sexauer & Bloomingdale, Auerdale Farm, Kingston, Ill.)

Robert Lindstrom, Sycamore, Ill.
Mooseheart Barbetta Burke (1-56) 400
(Mooseheart, Mooseheart, Ill.)

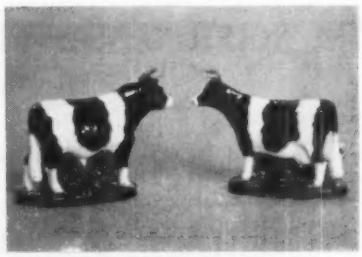
Southern Illinois University, Carbondale, Ill. (3)
Pleasantland Governor Nellie (10-54) 400
(Ralph A. Muller & Sons, Washington, Ill.)
Lawn Grove Madcap Sally (11-54) 400
Harry Pieper, Freeport, Ill.)

Other buyers were: Joseph Kelly, Jr., Emington; George Kratzberg, Frankfort; Joseph Herrmann, Jr., Hampshire; Charles G. Herrmann, Hampshire; Pamela Roby, Elgin; Clem Hilgenberg, Charleston; Norman Heinrich, Addison; Les Howard, Dundee; Robert Henss, Trenton; Anthony Meyer, Downers Grove; Robert J. Miller, Elgin; Angus Moore, Bourbonnais; Richard Ursini, Ottawa; David Meyer, Downers Grove; John Van Fleet, Marshall; J. George Smith, Oswego; Duane Lindstrom, Sycamore; Edwin Gierke, Frankfort; Greene Farm, Naperville; Gerald Bauman, Union; James Bouxsein, Hennepin; Janet Kay Bouxsein, Hennepin; Dan Tphersn, Sheridan; Walter Unverfehrt, Hoyleton; Robert Wernz, West Union; Clinton Mark, Frankfort; Alice Lindstrom, Sycamore; John Cummingham, Jr., Polo; James Cornue, Hebron; C. Harold Fort, Armington, Ill.—Bobbie McCampbell Knoxville, Tenn.

Statistical data furnished by R. B. Howard, Dundee, Ill.

THONYMA BULL TO MISSOURI

Ed Reed, Thonyma Dairy Farm, Lyons, Kansas reports the sale of Thonyma Burke Lou Lad to the Department of Penal Institutions, Algoa Dairy, Jefferson City, Missouri. Mr. Reed states that they had inquiries on this calf from many states. His seven nearest dams average 18,031 lbs. of 4% milk, 722 lbs. fat, every one of them Very Good or Excellent on classification.



HOLSTEIN FIGURINES
These are salt and pepper shakers of kiln-fired ceramics. They are the product of Mrs. Carl C. Conger, Rt. 2, Iola, Kans. She sells them for $5.00 a pair and is prepared to fill orders for Christmas.

- Progress -

IN OUR WISCONSIN STATE INSTITUTION HERDS

— IN OUR HERDS —

— CONSTRUCTIVE LINEBREEDING

— CONTINUOUS TESTING FOR PRODUCTION

— UNIFORM HIGH TYPE

— UDDERS THAT PLEASE THE MOST EXACTING BUYER

— A COMPLETE HEALTH PROGRAM

* Fourteen Gold Medal sires have been bred in our institution herds.
* Every year a large proportion of the All-Americans trace to our institution bred sires.
* Seven of the Wisconsin state leaders on A.R. made their records in our institution herds.
* Three of the Wisconsin state leaders on HIR made their records in our institution herds.

Choice young bulls from our best bloodlines and from selected production dams are available at all times. Write for information to:

Wisconsin State Department of Public Welfare

W. W. KINYON, Farm Supervisor — **State Capitol — Madison, Wis.**

WIS CHAMPION

Can Sire Them For You, Too!

WIS CHAMPION (VG)

Our double grandson of Wis Ideal, by Wisconsin Masterpiece (SMP) out of Wis Vanity, 818-lb. daughter of Wisconsin Venus with 946 lbs. "Vanity" has an Excellent-SMT maternal brother, Wis Whirlwind. She was 1st prize 3-year-old and 1st prize 4-yr-old at Wisconsin State Fair. CHAMPION's offspring here are attracting attention. His first five 2-year-old daughters were recently classified: 2 VG, 3 GP with an 84 point average. All five are exceeding their dams in production.

ARTIFICIAL INSEMINATION

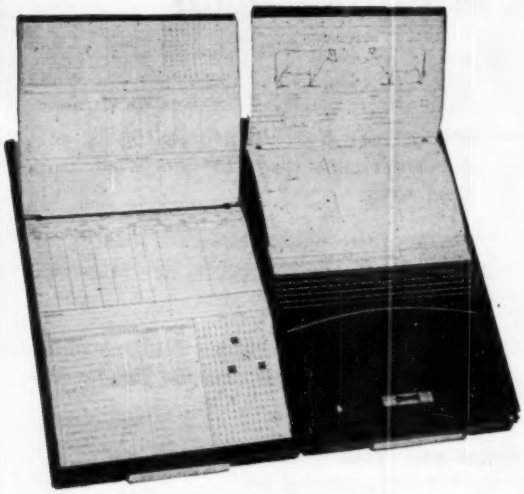
You can breed to Wis Champion (and also to Weber Dictator Burke and Wis Leader Delight, both described on page 110 of the Herd Sire Issue) for a fee of $25 per cow, or a minimum price of $300 per year for up to 25 cows, with an additional $10 fee for each additional cow. Write us today for pedigrees and full information about breeding to these three Burke herd sires by artificial insemination.

Utah State Industrial School — Ogden, Utah

DE VERE R. WEIGHT, Herd Manager

"The Fountainhead of the Burkes"

Christmas is coming!



For Large Herds — Model 108 (9 X 18)
Holds forms for 108 animals. 200 forms furnished.
Celluloid tips. Four colors of signal tabs.
Price: $29.60 postpaid

Order that new World Visible Herd File NOW and have it all set up for Dad's herd by Christmas morning!

Hundreds of breeders are finding this the simplest and most efficient method of filing the reference information needed on every animal in the herd. Complete, and a terrific time-saver in the Holstein breeder's office. Will last a lifetime. This system has met with universal approval.

TWO SIZES AVAILABLE

For Small Herds — Model 56 (8¾ X 11½)

Holds forms for 56 animals. 100 forms furnished. Celluloid tips protect index edges from soil and wear. Four colors of signal tabs for quick identification of such items as members of a female family, cows bred to a certain sire, future freshening dates, calves to be vaccinated, etc., etc.

Price: $17.05 Postpaid

He'll thank you every time he uses this time-saving system!

He'd also like this low priced book to carry with him . . .

WORLD POCKET HERD RECORD

Here's the neatest little pocket record book we've ever seen — and the most complete! Contains 3 X 5 forms for 60 cows and 40 calves, herd sires, calving and service records, production records, classification, etc.
It fits your pocketbook as well as your pocket, too!
ONLY $4.95 postpaid in U. S. and Canada!

IMMEDIATE DELIVERY

New brochure now ready on Books and other HERD SUPPLIES.

Sold on full money-back guarantee of satisfaction. Remittance should accompany order.

HOLSTEIN-FRIESIAN WORLD — Lacona, N. Y.

We at EBONITE

wish you a

Merry Christmas

and a

Happy New Year

You are invited to visit our Burke-bred PBR herd, with a classification average of 82.9 and an HIR average of 15,139 lbs. milk and 575 lbs. fat, 3.8%. Pabst Jewel is our son of Wis Leader from a 900-lb. daughter of Pabst Comet.

• EBONITE •

H. M. GANS — GANS, PENNA.

Phone Point Marion 5579

FOR SALE...

Females, Any Age, Including:

HEIFER CALVES
HEIFERS, READY TO BREED
SPRINGING 2-YEAR-OLDS
FIRST AND SECOND CALF HEIFERS
OLDER COWS

We've had a remarkable run of heifer calves in our large herd and must cut down—can spare up to 50 head. These are home bred animals, sired by or out of daughters of one or more of the following sires in service here:

RAG APPLE HUNTERHOLM SUPREME (VG)

Show son of Spring Farm Sovereign Supreme (EX) from a 774-lb. 4.1% "VG" granddaughter of Marksman. He was Res. All-Canadian, 1952 and Hon. Mention, 1953.

TED-ANNE BEACON

By Harden Farms King Emblem, son of King Var (VG) and the twice 1000-lb. Ednachester Marathon Burke (EX), and out of a "VG" 849-lb. dam.

OSBORNDALE ROYAL TOM

Son of Clyde Hill Royal from a great maternal line at Osborndale.

DU PAGE RIVER CHAMPION

Our successful son of Osborndale Tovarich Champion.

Call or write to . . .

Rest Easy Stock Farm

Cert. — Vac. — Acc.

MULROY BROS. — MARCELLUS, NEW YORK

Phone 6-80942

The 167th GARDEN SPOT SALE

December 20

THURSDAY

At the J. M. Brubacher Farm, WILLOW STREET VILLAGE, 4 miles south of **LANCASTER, PENNSYLVANIA**, just off Routes 72 and 222.

75 REGISTERED HOLSTEINS

Everything Certified and Accredited
Majority Calfhood Vaccinated

COWS - Fresh & Close - BRED HEIFERS
OPEN HEIFERS and HEIFER CALVES
BULLS—Service Age and Younger

Other females in various stages of lactation

Whether you are looking for foundation purebreds or just for a lot of milk, you will find what you want at the 167th GARDEN SPOT SALE.

R. Austin Backus, Inc.
Sale Mgrs. and Auctioneers
Mexico, New York

Earl L. Groff
Local Representative
Strasburg, Penna.

CARNATION HEILO CINDERELLA VIOLET

Twice 1100-lb. "Very Good" maternal granddam of . . .

CARNATION ATOM BOMB...

Our son of Revelation (EX-GM), who is by Governor of Carnation from the 1174-lb. Willowdale Skylark Beauty.

The dam of Atom Bomb has heifer records of 582 (305d) and 558 fat at 2½y, both 4% test. She is by Carnation Inspiration and out of the great cow pictured above.

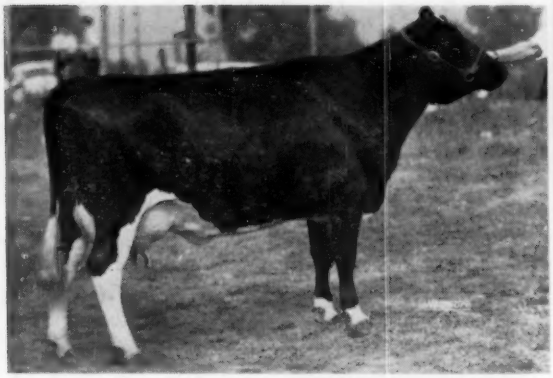
40 ATOM BOMB DAUGHTERS

We now have over 40 daughters of Carnation Atom Bomb, with the first ones finishing with 500 lbs. fat and better on 2X. We invite you to see them.

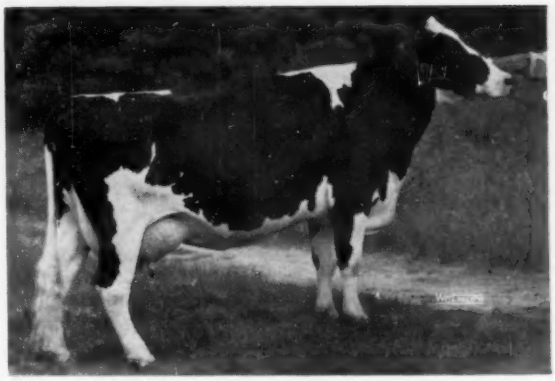
Holwyn Stock Farms

BOUIC BROS. — R. D. 2 — MARYSVILLE, OHIO

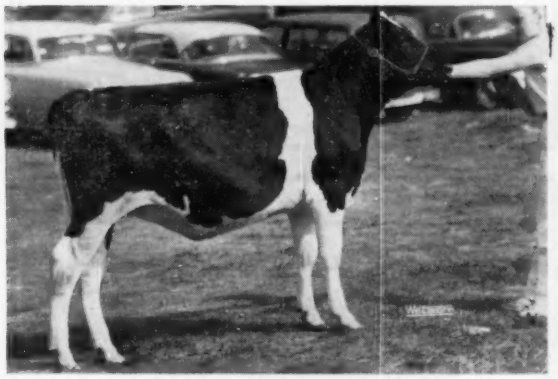
Michigan and Indiana Junior Winners



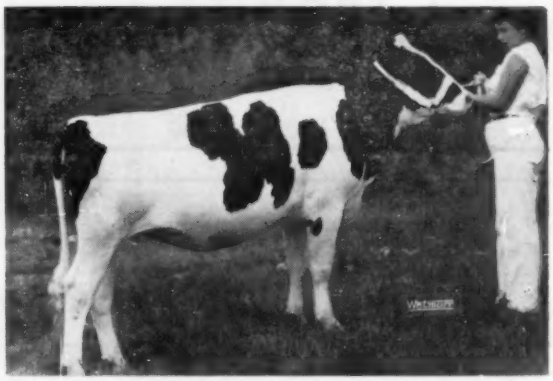
IVA-NAN REGAL DOTTY
Grand champion Indiana State 4-H Show.
Arthur Meeker, Burnettsville, Ind.



LOCHINVAR SOVEREIGN DORLISKA
Grand Champion cow at the Michigan State 4-H Show.
Joan Dopp, Carson City, Mich.



CANADA GIFT MAIDEN
1st Sr. heifer calf and Junior Show Champion, exhibited by Judy Mae Canada, R. 1, Jamestown, Ind.



LONG HAVEN COFFEYDALE MAMIE
1st Jr. yearling Michigan State 4-H Show and 1st in class Michigan State Fair (open show).
Janet Long, R 3, Milford, Mich.

HOLSTEIN SHOWMANSHIP WINNER
Paul Martin receiving award from Mrs. Edith Osborn, Indiana State Secretary, Indiana State 4-H Show.

CANADA PONTIAC STAR
First Senior Yearling in the International Dairy Junior Show for Judy Mae Canada, Jamestown, Ind.

NDC CITES EVIDENCE TO CHALLENGE TIME MAGAZINE ARTICLE ON FATS & HEART DISEASE

Positive action has been taken by the National Dairy Council on a recent Time Magazine article on heart disease, which carried the recommendation that voting-age men and elder women drastically reduce their consumption of milk fat.

In a communication to the Editor of Time, Milton Hult, NDC President, challenged the recommendation by pointing out that the great bulk of evidence from nutrition research already completed gives assurance that eating foods (milk, vegetables, fruits, eggs, meat, cheese, fish and poultry, cereals, ice cream, bread and butter) in balanced quantities will build and maintain a healthy body and mind.

Hult further stated that until there is more agreement among health leaders on the causes of heart disease, Time readers deserve to have at least six vital points, not included in the article, brought to their attention.

Mr. Hult's letter, dated November 13, follows:

Letters to the Editor
Time and Life Building
9 Rockefeller Plaza
New York 20, New York
Sir:

Your November 12 article on Fats & Heart Disease, in which you quoted Dr. Norman Jolliffe, implied that a relationship between dietary fat and heart disease has been fairly firmly established, yet raised the question: "how great is the effect (on heart disease) of fats in the diet? "

Further, the impression was advanced that a drastic reduction of almost all fats (especially milkfat) in the diet seems wise for voting-age men and postmenopausal women.

This leads us to call several vital points to your attention:

1). With reference to health, generally, life expectancy is greatest in those countries where milk and dairy foods consumption is highest.

2). While the United States is first in the extent to which its population dies from heart disease, it is thirteenth in per capita consumption of milk and its products.

3). While research suggests that there may be a relationship between high level of dietary fat consumption and the incidence of heart disease, there is a broad lack of understanding on the relative amount of fat in various foods. For instance, an 8-ounce glass of whole milk contains between 8 and 10 grams of fat, while some other foods of comparable protein value will contain from 11 to 20 grams of fat per serving, excluding the visible fat.

4). Actually only about 10 per cent of the calories available in the American food supply comes from the fat in milk and milk products.

5). Per capita consumption of milk fat in all dairy foods, including butter, has decreased from 31 pounds in 1939 to 27 pounds in 1955. This occurred despite increase in consumption of all dairy foods from 391 to 422 pounds during the same period.

6). Consumption of fats and oils, excluding butter, has increased from 42 to 56 pounds per person a year in the U. S. since 1909.

Until there is more unanimity of thinking on the causes of coronary heart disease, there is sufficient evidence from nutrition research already completed to give assurance that eating foods (milk, vegetables, fruits, eggs, meat, cheese, fish and poultry, cereal, bread and butter) in balanced quantities will build and maintain a healthy body and mind.

Cordially,
Milton Hult, President
National Dairy Council

Babson Bros. Co. of Chicago, builders of the Surge Milker, announce the recent production of a new rustless dairy scale, built entirely of stainless steel, even to the mainspring, which resists rust and retains its accuracy under rugged conditions. This new scale is calibrated in tenths of pounds for exact reading and record keeping. It can easily be cleaned like a dairy utensil. It is a real well built item, as you would expect from these manufacturers.

"From the fairest creatures we desire increase."

COLUMBUS LANE GERBEN VICTOR (EX)

This quote from Shakespeare applies to this cow—now 14, has had 12 calves, a daughter of Man-O-War Victor.

Her 3 daus., 1 EX., 2 VG. The EX daughter was Res. Grand. 1949 K. C. Royal, has 663 and 639, 2X. One of the VG daus. 1st 3-yr-old Ky. Dist. B & W Show '54, has 616 and 619 F. The other VG daughter (by Vareca Posch Ormsby Fobes) 1st 3-yr.-old '55 Ky. St. Fair, member winning get and dairy herd.

These two daus. members of our 2nd prize 3 best females — 1956 Ky. State Fair.

Full brother to this daughter, Knob Lick Proud Prince, will be our jr. herd sire.

Knob Lick Farm

W. O. PAYNE, Owner
RAY BERCHTOLD, Herdsman
DANVILLE Box 281 KENTUCKY

Look at His Proof! And He is For Sale
KNOOLWOOD BONHEUR CHIEFTAIN 11th

Good Plus - SMP Sire - 1008148 - B. 9-1-47

His Official Proof:

20 Dtrs.	13,385	4.26	570
19 Dtrs.	13,442	4.27	575
19 Dams	13,037	3.64	475
	+405	+.63	+100

A Double Grandson of Montvic Chieftain 7th (VG-GM)

His sire is the former Knollwood herd sire, Knollwood Bonheur Chieftain (VG), son of Montvic Chieftain 7th (VG-GM) and the great brood cow, Elaine Bonheur Cornucopia.

His dam is Knollwood R A Dolly (GP), a consistent 4.3% tester with two records over 600 lbs. fat. She is by Montvic Chieftain 7th (VG-GM) and from a great maternal line, her own dam being S & R Ormsby Alcartra Dorothy and the next dam Dorothy Alcartra Roberts.

This Breeding Has Produced Many Well Known, High Test, High Production Sires.

Our herd is classified and has been on HIR test for many years. Write for complete information on the K B C 11th daughters, or visit us to see him with his daughters.

K B C 11th is healthy and a sure breeder who sires great production.

LIBERTY HILL FARM

Cert. - Acc. - Vacc.

RALPH ASH, Mgr.
Pittsford, New York
Phone Henrietta 299-J

Mon. Dec. 10th
11:30 A. M.

HUFF HOMESTEAD DISPERSAL

Honeoye, N. Y.

Sale at the farm on Huff Rd. ½ mile N. of Rt. 20A midway between Honeoye and Hemlock. 24 miles south of Rochester—8 miles south of Lima, N. Y.

Home of Great Proven Sires — Cow Families — High 2X Production — 4% Test

100 Head Eligible For Any State

54 Milking Age - 10 Bred Heifers - 31 Yearlings and Calves - 4 Herd Sires

Mostly Bred For Fall and Winter Milk

T. B. Accredited — Bang's Certified — Calfhood Vaccinated — 90 Day Bloodtest

100% Homebred — Established 1911 — HIR For 20 Years

Latest Lactation Average: 13,915 milk 3.8% 523 Fat

SELLING WITH 7 DAUGHTERS

SHIAWANA MUTUAL PAUL 9TH
(Very Good - Silver Medal Production)
He sells with 7 daughters—see his official HIR proof below. One of his sons, Huff Lou Mickey (GP), is a jr. sire and he is selling.

HER SON SELLS

HAMARET CANNIE PROSPECTOR "VG"
9y 2X 322d 23,182 730.6
A 100,000-lb. daughter of Lauxmont Safemaster Prospector, she is the dam of another jr. sire selling. He is Lyon Brook Wallie Colonel "SRS" and he is sired by Lyon Brook Wallie Queen (EX-92), which gives him 2 crosses to Prospector.

7 DAUGHTERS SELLING

CLOVE VALLEY SUPREME SATISFACTION (VG-GM)

This is a 2 times Progressive Breeders Herd.
The last classification — 54 head — 6 "VG", 27 "GP" and 19 "G."

The Seven "Supreme Satisfaction" Daughters Selling

HUFF POSCH STELLA "VG-RRR"

5-7	293d	2X	14,089	4.3	604
6-11	365d	2X	15,676	4.4	682

HUFF WAYNE SUGAR "GP-RRS"

8-1	365d	2X	15,680	3.8	597

HUFF POSCH SYBIL "GP-RSR"

9-4	334d	2X	13,910	4.1	571.8

HUFF MAUD STARLENE "GP-RSR"

5-1	307d	2X	15,044	4.1	619

HUFF TONEY SANDRA "GP-SRS"

8-4	365d	2X	15,578	4.1	632

HUFF ORMSBY SABRA "GP-RSR"

10-4	305d	2X	17,378	3.3	567

HUFF NATIONAL SPICK "GP-SRR"

7-1	316d	2X	15,646	3.4	533.7

Here is the official HIR proof on Shiawana Mutual Paul 9th (SELLING)

13 pairs Daus. ave.	13,112	3.81	500 f
Dams ave.	12,661	3.83	485 f
	+446	—.02	+15 f

His daughters include:

HUFF SPAN MABLE "G-SRS"

4-3	365d	2X	16,918	3.8	646

HUFF SUGAR MARCY "GP-SRS"

3-4	365d	2X	16,059	3.9	626

A Statement From Leo Blanding

For the past several years it has been our privilege to work closely with the Huff Homestead herd. It is a very well balanced herd, combining sharpness and dairyness with strength and ruggedness. It is an exceptionally good uddered herd.

The coming dispersal of this long-established home bred, high producing herd provides a real opportunity for the purchase of foundation seed stock.

LEO BLANDING
Nov. 12, 1956

HARRIS WILCOX
Sales Mgr. & Auctioneer
Bergen, N. Y.

Sale in Heated Tent
Catalogs at the Ringside
Lunch Available

MRS. J. M. HUFF & SONS
Owner
Honeoye, N. Y.

CALENDAR OF SALES

Dec. 1 Los Banos, Calif., Merced Co. Holstein Breeders Annual Sale Managed by **L. H. McDaniel, Turlock, Calif.**

Dec. 1 Leroy, N. Y. Peter Sinclair Disp., Harris Wilcox, Mgr., Bergen, N. Y.

Dec. 1 Owatonna, Minn., Gilkey Farms Dispersal, Managed by G . R. Melin, 4529-H Bryant Ave. S., Minneapolis 9, Minn.

Dec. 3 Jamestown, N. Y., J. Rodney Sharpe Dispersal, Managed by Harris Wilcox, Bergen, N. Y.

Dec. 3 Oakville, Ont., at Hays Sales Arena, Hays Ninth Anniversary Sale, managed by Hays Farms Ltd., Oakville, Ont.

Dec. 4 King City, Ont., First Annual Production Sale of Puccini Farms, Managed by **Hays Farms Ltd.,** Oakville, Ont.

Dec. 5-6 Earlville, N. Y., 329th Earlville Sale, Managed by R. Austin Backus Inc., Mexico, N. Y.

Dec. 8 Hickory Corners, Mich., Roy Walters & Sons Dispersal, Managed by Glenn Casey, Williamston, Mich.

Dec. 8 Monroe, Conn., Ignatz Dluzneski & George Watson Joint Dispersals, R. Austin Backus, Inc., Mgr., Mexico, N. Y.

Dec. 10 Williamston, Mich., Wolverine Invitational, Managed by C. B. Smith, Williamston, Mich.

Dec. 10 Honeoye, N. Y., Huff Homestead Disp., Harris Wilcox, Sale Mgr., Bergen, N. Y.

Dec. 10 Middletown, Pa., Canadian Registered Holstein Sale, Grand View Farms, C. S. Erb, owner.

Dec. 11 Statesville, N. C., Louis G. Bowles Dispersal, Managed by North Carolina Holstein-Friesian Ass'n, R. Glen Hardin, Sec'y, Olin, N. C.

Dec. 11 Waukesha, Wis., Nockdair Estate Dispersal, Managed by W. L. Baird, Waukesha, Wis.

Dec. 12 Bliss, N. Y., Marion A. Brown Dispersal.

Dec. 12 Kitchener, Ont., 157th Sale, Managed by Brubacher Sales Service, Kitchener, Ont.

Dec. 13 Hanover, Pa., Lester Jacobs Dispersal of No. 1 Farm, Managed by R. Austin Backus Inc., Mexico, N. Y.

Dec. 13 Watertown, Wis., Watertown Yuletide Sale, Managed by Francis Darcey & Sons, Watertown, Wis.

Dec. 20 Lancaster, Pa., 167th Garden Spot Sale, Managed by R. Austin Backus Inc., Mexico, N. Y.

Dec. 22 Mt. Joy, Pa., 99th Keystone Holstein Consignment Sale. Managed by Clarence E. Lyons, 204 Hess Blvd., Lancaster, Pa.

Jan. 7 Watertown, Wis., Wisconsin Breeders Sale, Managed by Francis Darcey & Sons, Watertown, Wis.

Jan. 16, 1957 Ithaca, N. Y. (Cornell Judging Pavilion), Annual N. Y. Convention Sale.

Jan. 24 Lancaster, Pa., 168th Garden Spot Sale, Managed by R. Austin Backus Inc., Mexico, N. Y.

Jan. 31, 1957 Canandaigua, N. Y., 2d Canandaigua Sale, Harris Wilcox, Sale Mgr., Bergen, N. Y.

Feb. 4 Watertown, Wis., Wisconsin Breeders Sale, Managed by Francis Darcey & Sons, Watertown, Wis.

Feb. 12, 1957 Fennimore, Wis., Henry Zart Disp., Managed by Francis Darcey & Sons, Watertown, Wis.

Feb. 23, 1957 Mason, Mich., Coe Emens Disp., Managed by Glenn Casey, Williamston, Mich.

Aug. 8 Bad Ax, Mich., Edward Eicher Dispersal, Managed by Glenn Casey, Williamston, Mich.

Coming Events

Dec. 3-4 Yakima, Wash., Annual Meeting of the Washington State Holstein Ass'n at the Chinook Hotel.

Dec. 6 and 7 Rockford, Ill. Annual Meeting, Ill. Holstein Association.

Jan. 14-15 Harrisburg, Pa., Pennsylvania Farm Show Holstein Judging.

Jan. 16 Harrisburg, Pa. (Penn-Harris Hotel) Annual Holstein Breakfast Pennsylvania Holstein Ass'n, Inc.

Jan. 23-24 Amherst Mass., Dairy Farmers' Seminar at University of Massachusetts.

Jan. 25-Feb. 3 Southwestern Exposition and Fat Stock Show, Fort Worth, Texas, Jan. 31; junior judging Jan. 31.

Jan. 29-Feb. 9 Florida State Fair, Tampa, Florida.

Feb. 22 Houston, Texas, Stock Show, Harvey Swartz, judge of Holsteins.

Hobal Manufacturing Co., 516 Fifth Avenue, New York 36, N. Y., has placed on the market the Matador vacuum curry-comb. It is a Canadian product, stated to be of high quality and material and workmanship and built to serve for a lifetime. It really looks like quite a good thing. It carries a guarantee of one year against all defects in material or workmanship.

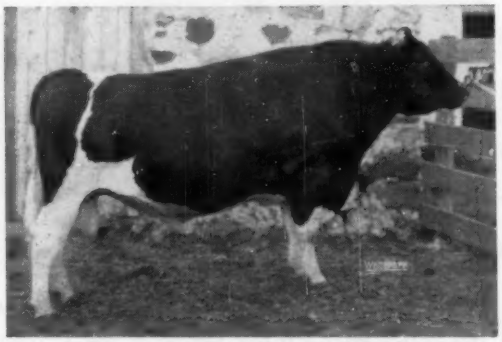
PIPER BROTHERS FARMS INC.

of Watertown, Wisconsin

PREMIUM SIRES FOR USE

IN

YOUR BREEDING PROGRAM



FUTURE HOPE ROAMER BUTTER BOY

Future Hope Roamer Butter Boy is **"Gold Medal"** classified **Very Good.**

Sire: Pabst Roamer, EX-GM
Dam: Future Hope Butter Girl, Excellent with over 100,000-lbs. of 4% milk in life.

* Every sire — Excellent or Very Good
* All sires aAa analyzed
* Frozen semen from all bulls
* Cost — only $25 for any sire

Write for sire directory and terms for service to the outstanding Piper Sires.

Breeders of Registered Holsteins since 1904.

* * *

T. B. Accredited
Calfhood Vaccinated

WATERTOWN WISCONSIN

One of Michigan's

Highest Producing

Holstein Herds!

WALTHOR FARMS DISPERSAL

Saturday, December 8, 1:00 P. M.

At the farm, HICKORY CORNERS, MICH. NW of Battle Creek on M-89 to 40th st., at east edge of Gull Lake, then north beyond Kellogg School to Sheffield Rd., and west ½ mile.

45 Big, Rugged, Holstein Cows and Heifers

A strictly home-bred herd, mostly descended from two foundation cows. Several just fresh and making outstanding records. Several due in December and January.

20 registered cows average 15,520 milk and 592 fat (actual), including seven 2-year-olds! Not a 2-year-old under 425 lbs. fat.

This herd has a 6-year average of 13,390 milk and 495.7 fat. **The 1955-56 herd average was 14772 milk and 562 fat!**

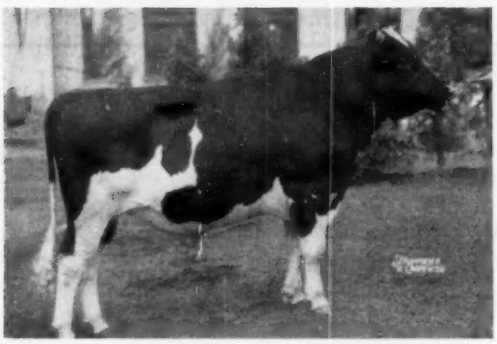
Includes 21 daughters of Shiawana Mutual Paul 13th, plus-proven sire sold to the Government of Peru.

Senior sire selling, 2½ years old, Walthor Prince Roamer Mont, son of Pabst Roamer Mont from Walthor Five Johanna with 5 records from 609 to 764 lbs. fat on 2X. Three junior yearling daughters selling.

ROY WALTERS & SONS
Hickory Corners, Mich.

GLENN CASEY —
Sale Mgr. & Auct.
Williamston, Mich.

Our Hon. Ment. All State Bull and a Stablemate



PETZOLD ROBARB MARK
Hon. Mention All State Sr. Yrlg. Bull, 1st Jr. champ. and Grand Champ. at the Finger Lakes B & W Show. 3rd sr. yrlg. bull, New York State Fair. He is a son of Pabst Walker Robarb, a Pabst Roamer Dean Walker Lad (EX-GM) son from a 900-lb. daughter of Pabst Roamer (EX-GM).

NETHERLAND DE KOL COLANTHA BURKE
7-6 362d 2X 20,907 M 4.1% 862.1 F
(Former N. Y. State Record)
This picture taken this past summer at past 11 years of age shows what a beautiful udder she has. She was 4th at New York State Fair in 1954 and was grand champion at the Finger Lakes B & W Show this past summer.

For Sale: A Robarb Son Out of Colantha Burke's Sister

Here is a nice service age bull, born May 20, 1955, sired by Pabst Walker Robarb, the sire of the show bull pictured. His dam is Posch DeKol Pledge, a paternal sister to the great cow pictured. She has an AR record at 6½ years of 18,296 milk, 3.8% and 704 fat on 2X in 365 days. **Write or phone for complete details.**

Petzold Farms — Vaccinated

Phone Owego 1001W1 — Certified

Newark Valley, N. Y. — Accredited

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CYCLONE SON FOR ROEHL BROS.

Roehl Brothers of Edgerton, Wisconsin have purchased from the Pabst-Knutson herd at Oconomowoc a son of Pabst Cyclone out of young daughter of Wis Leader. "Cyclone" is a son of the EX-GM Pabst Winterthur Zeus out of the EX Neshonoc Joan Cyclone with 880-lbs. of fat and twice winner of the best udder class at Waterloo. The dam of the new Roehl calf is not only one of the great Pabst-bred Leader daughters but is a maternal sister to Pabst Sir Regal Fobes, Excellent-SMP sire and twice Reserve All-American, their dam the VG 883-lb., Pabst Burke Ormsby Fobes.

The Roehls have been using in their Willow Hollow herd Pabst Roamer Crusader, a Roamer son out of the 1141-lb., VG Regal daughter, Pabst Regal Canary. This sire has now been leased to Archie Schurtz of Bridgeport, Wisconsin who formerly owned the Excellent Pabst Burke Dictator.

A Raven Son For Sale — —

WEBER HAZELWOOD BURKE RAVEN (EX-GM)

Write for price and pedigree

Traskdale Dean Raven, born Jan. 15, 1956. His dam is a "GP" daughter of Pabst Roamer (EX-GM) with 11,080 milk and 402 fat at 3 years. The next dam a "GP" daughter of Sir Bess Ormsby Fobes Dean with 616 at 5 yrs. Here is a nice dark colored individual linebred to the great "Burke."

His sire is Weber Hazelwood Burke Raven (EX-GM), one of the senior herd sires at Pabst Farms. A plus proven bull, he is an inbred double grandson of Wisconsin Admiral Burke Lad. He has 8 "EX" daughters and he sired the Res. All-American Get in 1954.

Preston Trask **TRASKDALE FARM** Hamilton, N. Y.

FOR THE PRICE - - -

IT'S THE BEST MONEY CAN BUY

"National's" Great Six Ancestor—Three Generation

Pedigree — Only **$2.00**

A Two-color Original and Two Clear Carbon Copies

NATIONAL PEDIGREE COMPANY

Mrs. V. B. Vye, Owner **J. B. Vye, Mgr.**
Waukesha **Wisconsin**

WHERE HOLSTEINS HAVE BEEN BRED AND DEVELOPED FOR 56 YEARS.

Purebred and Grade Holsteins

Selected for Type and Production, T. B. Accredited—Blood Tested. Some calfhood Bang's vaccinated. From 200 of better Wisconsin herds. We are in a position to fill small or large orders for interstate or export.

— Service of —

W. L. Baird - Arthur F. Bennett - Don A. Stouffer
James L. Gordon - Reynold Bennett
at your disposition.

FOR INFORMATION WRITE
INTER-COUNTY DAIRY CATTLE ASS'N
BOX 177 WAUKESHA WIS.

1956-57 CLASSIFICATION SCHEDULE

STATE	Deadline Date	Starting Date
Missouri-Arkansas	Dec. 14	Jan. 14
Arizona-New Mexico	Jan. 12	Feb. 12
Indiana	Jan. 12	Feb. 12
South	Jan. 12	Feb. 12
Iowa	Jan. 2	Feb. 12
Maine-New Hampshire	Feb. 12	Mar. 12
Southern Wisconsin	Feb. 12	Mar. 12
Northern California-Nevada	Feb. 12	Mar. 12

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Robert L. Cain, 1931 Gilbert Lane, Knoxville, Tenn.
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Edward S. Soper, Arlington, Washington

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It's Time to Order a New Pedigree - -

This is the time to order a new pedigree on your herd sire and on those bull calves you're offering for sale this fall.

4 Gen. Ped. 8½ x 11
(typewritten)
Original & 2 Copies
$2.50

4 Gen. Ped. 8½ x 11
(dittos)
10 copies
$3.50

Prompt Service

Mid-West Pedigree Co.
Maurice B. Telleen

BOX 94, WAVERLY **TELEPHONE 1208-J** **IOWA**

Smiles —

She had insisted on taking along every garment she owned. They arrived at the station loaded with baggage.

"I wish," said the husband thoughtfully, "that we'd brought the piano."

"Now, let's not try to be funny," came the frigid reply.

"I'm not trying to be funny," he sadly explained. "I left the tickets on it."

* * *

"You can always tell a well informed man—his views are the same as yours."

* * *

The Old Timer remembers when the only fringe benefits were those a man got from watching the tassel dancer at the county fair.

* * *

The young Indian stood before the judge and reaffirmed his desire to have his name changed.

"What is your name now?" the judge asked.

"Shrieking Loud Train Whistle," the Indian replied.

"And what do you wish your new name to be?"

"Toot," the Indian said.

* * *

Married men can't understand why all bachelors aren't rich.

* * *

Young Wife: "Leonard is so slovenly. Half the buttons are generally missing from his clothes."

Severe Aunt: "H'm. Perhaps they are not sewn on properly."

"That's just it. He's awfully careless about his sewing."

* * *

Hoping to inspire his workers with promptness and energy, a Canadian businessman hung a number of signs reading "Do It Now" around his factory and office.

When he was asked some weeks later how his staff had reacted, he shook his head sadly.

"I don't even like to talk about it," he said. "The head bookkeeper eloped with the best secretary I ever had; three typists asked for an increase; the factory hands decided to go on strike and the office boy joined the navy."

* * *

Chloe—"Am I the very first girl you've really kissed?"

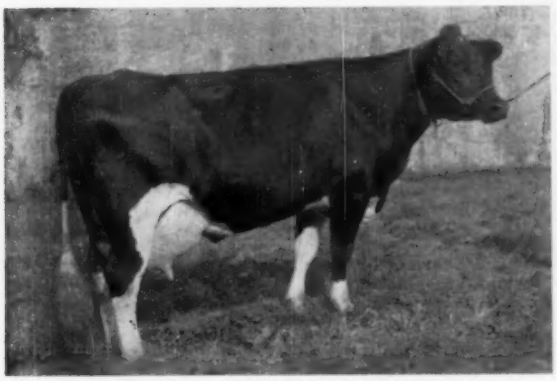
Joey — "Absolutely, darling — the others were just practice maneuvers."

IDOL
Weaves the Thread of Gold

WINTERTHUR ZEUS FOBES "IDOL"
Very Good at 3 years.
Owned jointly with Danboro Holstein Farm. His Winterthur-bred calves now for sale.

"Eagerness to Milk" . . . that's the Thread of Gold that down through the years (and a dozen generations of Holsteins) has become WINTERTHUR's trademark. The prepotency of this heavy milking characteristic in our bloodline has been demonstrated time after time in the herds of our customers. "IDOL" carries on that heritage, combining our famous "Christiana" family with the blood of Pabst Winterthur Zeus, his Gold Medal-Excellent sire. It is well illustrated below, as well, by a high producing dam-daughter pair from our famous MAYLO family.

A High Producing "Thread of Gold" Daughter and Dam



WINTERTHUR FLARE FOBES HOCAMO (VG)
2½y 2X 18993 3.3 635
Her dam pictured at right.

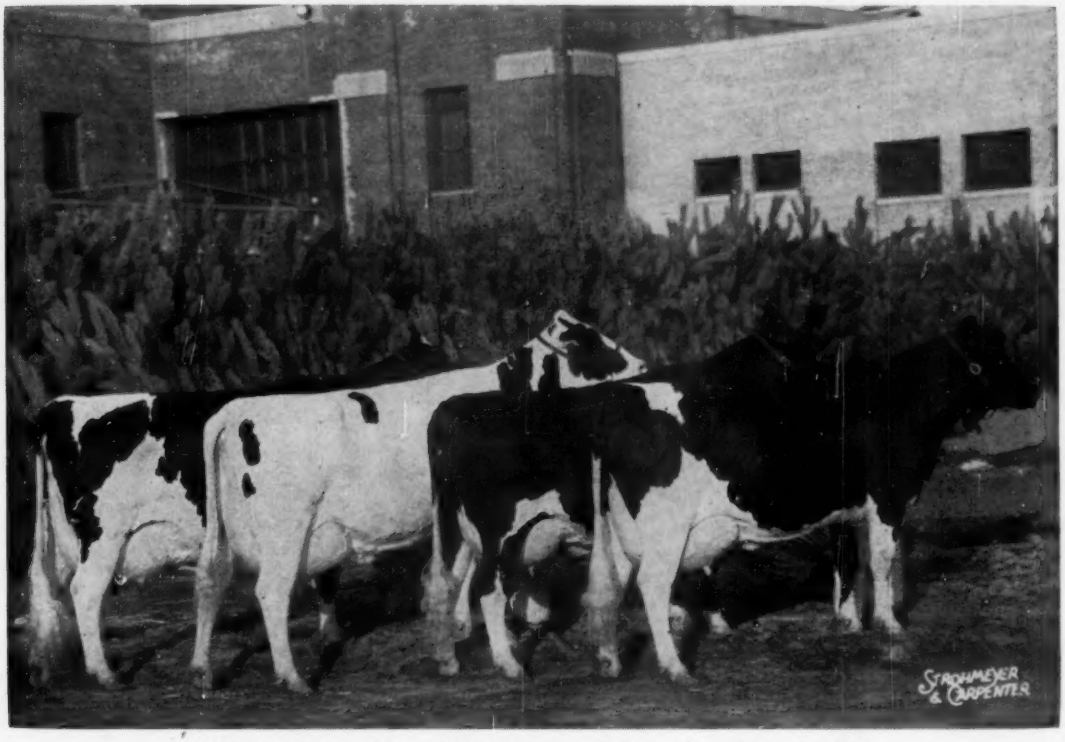
WINTERTHUR FOBES SELECT CAMALO (GP)
2X records of 862 - 864 - 906 fat.
Her daughter pictured at left.

Let us send you full information on IDOL sons now available from several famous WINTERTHUR cow families.

Winterthur Farms • **WINTERTHUR, DELAWARE**

1862 AR Records Made in 36 Years of Continuous Testing — 23rd Year on 2X Milking—Accredited — Negative

THE WIS LEADER GET OF SIRE



1st Prize Get of Sire, Waterloo and Canadian Royal, 1956.

(Left to Right)

PLAIN VIEW INGA "Excellent"
1st Prize Aged Cow, Senior and Grand Champion Female, Wisconsin, Ohio, Indiana, Waterloo, International and Canadian Royal, 1956.

PLAIN VIEW KITTY "Excellent"
2d Prize 4-year-old Cow, International, 4th at Royal. Mem. 1st Prize Produce, International, 2d Produce Waterloo and Royal.

PABST LEADER RECLO (not yet classified)
1st Prize 2-year-old, Ohio, 2d at Indiana, 4th at Wisconsin.

PLAIN VIEW AMY LASS "Very Good"
2d Prize 4-year-old Cow, Canadian Royal. Mem. 1st Prize Produce, International, 2d Waterloo and Royal.

OUR OTHER WINNINGS AT THE CANADIAN ROYAL WINTER FAIR

First Prize Aged Bull, Senior and Grand Champion—Pabst Fobes Burke (By Pabst Sir Regal Fobes)

First Prize Aged Cow, Senior and Grand Champion—Plain View Inga
Second Prize 4-year-old Cow—Plain View Amy Lass
Second Prize Produce of Dam—From Plain View Sadie Fobes Lass
Fourth Prize Senior Yearling Bull—Pabst Leader Sir Regal
Fourth Prize 4-year-old Cow—Plain View Kitty

All by our sire, Wis Leader (E-GM)

Write for pedigrees of Leader sons and information for securing his semen.

PABST FARMS INC. Acc. & Neg. **Oconomowoc, Wisconsin**